SENSIENT™

R-3150

Safety Data Sheet
FD&C RED NO. 40 POWDER

Safety Data Sheet dated: 7/14/2016 - version 2
Date of first edition: 6/17/2015

Quick Cure

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: FD&C RED NO. 40 POWDER
CAS number: 25956-17-6

Other means of identification:

Trade code: 077001020

Recommended use of the chemical and restrictions on use

Recommended use: Manufacture of food products

Restrictions on use: Not available

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Sensient Colors LLC
2515 N. Jefferson
63106 St. Louis, MO (USA)

Phone: 1 800-325-8110

Emergency telephone number

Outside US: 1-703-527-3887

CHEMTREC Administrative Office Telephone Number 1-800-262-8200

2. HAZARD(S) IDENTIFICATION

This mixture has not been tested as a whole. It contains ingredients which could be released from the mixture in concentrations which would exceed an established OSHA permissible exposure limit or ACGIH Threshold Limit Value, or could present a health risk to employees.

Classification of the chemical

0	The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
Comb. Dust	May form combustible dust concentrations in air.

Label elements

The product is not classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Symbols:

Warning

Hazard statements

USH003	May form combustible dust concentrations in air.

Ingredient(s) with unknown acute toxicity:

None

Hazards not otherwise classified identified during the classification process:

None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not Available

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

None

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

Wash with plenty of water and disinfectant/non-abrasive soap.

In case of eye contact:

Wash immediately with water.

In case of ingestion:

Do not induce vomiting, get medical attention showing the MSDS and label hazardous.

In case of inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

Not Available

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

Water, CO2, foam, chemical powders, according to the materials involved in the fire.

In case of fire, use foam, dry chemical, CO2.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Not Available

Explosive properties: Not Available

Oxidising properties: Not Available

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

Methods and material for containment and cleaning up

Suitable material for taking up: dry and inert absorbing material (e.g. vermiculite, sand, earth).

Wash with plenty of water.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Storage temperature: Not Available

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

No Data Available

Appropriate engineering controls: Not Available

Eye/face protection:

Not needed for normal use. Anyway, operate according good working practices.

Skin protection:

No special precaution must be adopted for normal use.

Hand protection:

Not needed for normal use.

Respiratory protection:

Control worker exposure to below detectable levels. However, if an effective ventilation system is not in use, use a NIOSH-approved respirator for organic vapors and/or dusts. Where appropriate, use closed systems to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. Use local exhaust as required to capture all airborne vapors and dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Solid
Appearance: Powder,
Odour: Not Available
Odour threshold: Not Available
pH: Not Available
Melting point/ range: Not Available
Boiling point/ range: Not Available
Flash point: Not Applicable
Evaporation rate: Not Available
Upper/lower flammability or explosive limits: Not Available
Vapour density: Not Available
Vapour pressure (20°C): Not Available
Density (20°C): Not Available
Water solubility: Not Available
Lipid solubility: Not Available
Partition coefficient (n-octanol/water): Not Available
Auto-ignition temperature: Not Available
Decomposition temperature: Not Available
Viscosity (20°C): Not Available
Explosive properties: Not Available
Oxidising properties: Not Available
Flammability (Solid, Gas): Not Available

Other information

Substance group relevant properties: Not Available
Miscibility: Not Available
Fat Solubility: Not Available
Conductivity: Not Available

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions.

Chemical stability

Data not Available.

Possibility of hazardous reactions

Burning produces carbon monoxide and/or carbon dioxide.

Conditions to avoid

Stable under normal conditions of temperature and pressure.

Incompatible materials

Avoid strong oxidizing agents, peroxides, acids, alkali metals.

Hazardous decomposition products

Burning produces carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product: No Data Available

None

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

12. ECOLOGICAL INFORMATION

Toxicity

Adopt good working practices, so that the product is not released into the environment.

Persistence and degradability

Not Available

Bioaccumulative potential

Not Available

Mobility in soil

Not Available

Other adverse effects

Not Available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Any disposal practice must be in compliance with local, state and federal laws and regulations (contact local or state environmental agency for specific rules). Do not dump into sewers, any body of water or onto the ground.

Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN number

ADR-UN number: N/A
DOT-UN Number: N/A
IATA-Un number: N/A
IMDG-Un number: N/A

UN proper shipping name

ADR-Shipping Name: N/A
DOT Proper Shipping Name: N/A
IATA-Technical name: N/A
IMDG-Technical name: N/A

Transport hazard class(es)

ADR-Class: N/A
DOT Hazard Class: N/A
IATA-Class: N/A
IMDG-Class: N/A

Packing group

ADR-Packing Group: N/A
Exempted for ADR: N/A
IATA-Packing group: N/A
IMDG-Packing group: N/A

Environmental hazards

Marine pollutant: No
Environmental Pollutant: Not Available

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Available

Special precautions

Department of Transportation (DOT/TDG):

DOT-Special Provision(s): N/A
DOT Label(s): N/A
DOT Symbol: N/A

DOT Passenger Aircraft: N/A
DOT Bulk: N/A
DOT Non-Bulk: N/A

Road and Rail (ADR-RID):

ADR-Label: N/A
ADR-Upper number: N/A
ADR-Tunnel Restriction Code: N/A

Air (IATA):

IATA-Passenger Aircraft: N/A
IATA-Cargo Aircraft: N/A
IATA-Label: N/A
IATA-Sub Risk: N/A
IATA-Erg: N/A
IATA-Special Provisioning: N/A

Sea (IMDG):

IMDG-Stowage Code: N/A
IMDG-Stowage Note: N/A
IMDG-Sub Risk: N/A
IMDG-Special Provisioning: N/A
IMDG-Page: N/A
IMDG-Label: N/A
IMDG-EMS: N/A
IMDG-MFAG: N/A

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory:

All component(s) are listed on the TSCA inventory.

TSCA listed substances:

no substances listed

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances:

no substances listed

Section 304 - Hazardous substances:

no substances listed

Section 313 - Toxic chemical list:

no substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA:

no substances listed

CAA - Clean Air Act

CAA listed substances:

no substances listed

CWA - Clean Water Act

CWA listed substances:

no substances listed

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

no substances listed

Massachusetts Right to Know

Substance(s) listed under Massachusetts Right to know:

no substances listed

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

no substances listed

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

no substances listed

CANADA:

DSL-list (Canada)

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

16. OTHER INFORMATION

Code	Description
USH003	May form combustible dust concentrations in air.

Safety Data Sheet dated: 7/14/2016 - version 2

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This document was prepared by a competent person who has received appropriate training.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
CLP: Classification, Labeling, Packaging
EINECS: European Inventory of Existing Commercial Chemical Substances
INCI: International Nomenclature of Cosmetic Ingredients
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GefStoffVO: Ordnance on Hazardous Substances, Germany
LC50: Lethal concentration, for 50 percent of test population
LD50: Lethal dose, for 50 percent of test population
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
TLV: Threshold Limiting Value
TWATLV: Threshold Limiting Value for the Time Weighted Average 8 hour day.(ACGIH Standard)
STEL: Short Term Exposure limit
STOT: Specific Target Organ Toxicity
WGK: German Water Hazard Class
KSt: Explosion coefficient

Paragraphs modified from the previous revision:

- 1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/ UNDERTAKING
- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 15. REGULATORY INFORMATION

GHS SAFETY DATA SHEET

AMERICAN CRYSTAL SUGAR COMPANY

Prepared to U.S. OSHA Standards in compliance with the GHS system (29 CFR 1910.1200(g), rev. 2012

Section 1	Identification	**GRANULATED SUGAR** Manufacturer's Name **American Crystal Sugar Co.** **101 North 3 rd Street** **Moorhead, MN 56560** Emergency Telephone Number: **(218) 236-4400** Telephone Number for Information **(218) 236-4324**	food additive, flavor enhancer, baking ingredient, intended for human consumption No restrictions on use Preparation Date: 14 Aug 2014 Revised: 21 Nov 2014
Section 2	Hazard(s) Identification	**No Hazardous Components** Sugar itself **supports combustion only poorly** and is not by itself a hazard unless it is involved as a **secondary fuel** in an existing fire.	The **dust** generated by the **transportation and handling** of sugar is an **explosion hazard**; measures must be taken to avoid the creation of fugitive dust and to abate any dust created.
Section 3	Composition / Information on Ingredients	**Sucrose, sugar, D(+)Saccharose;** **C_{12} H_{22} O_{11}** IUPAC: (2*R*,3*R*,4*S*,5*S*,6*R*)-2-[(2*S*,3*S*,4*S*,5*R*)-3,4-dihydroxy-2,5-bis(hydroxymethyl) oxolan-2-yl]oxy-6-(hydroxymethyl) oxane-3,4,5-triol] beta-D-Fructofuranosyl-alpha D glucopyranoside alpha-D-Gluco pyranosyl beta-D-fructofuranoside	Table sugar, white sugar, fine gran sugar, beet sugar, natural sweetener **CAS 57-50-1** **UNII C151H8M554** **EINECS 200-334-9** **RTECS WN6500000** **CHEMBL 253582** Pure product (organic compound)
Section 4	First Aid Measures	**INHALED:** not expected to require first aid. Exposure to dust may cause coughing or aggravate pre-existing respiratory conditions (asthma). Remove to fresh air; get medical attention for any breathing difficulty.	**EYES:** Mechanical irritant (red, watery, sore eyes). Flush granular material with running water, holding eyelids open. Get medical help if symptoms persist.

Section 5	Fire-Fighting Measures	**Use water or other approved media. Avoid creating airborne dust with high pressure water streams; the use of a fine spray to saturate the material is suitable for any firefighting. Thermal decomposition or burning will produce carbon dioxide, carbon monoxide.** **Normal fire dept SOP for precautions and PPE.**	Sugar **dust is explosive**, similar to flour and grain products. Though sugar itself supports combustion poorly, the **relative explosion hazard of the dust is severe**. As with any finely divided organic (carbon-based) solid, dust **may be explosive if mixed with air in critical proportions and in the presence of an ignition source possibly resulting in chain reaction-style, serial explosions.**
Section 6	Accidental Release Measures	**To mitigate possible dust hazard:** • **remove ignition sources** • **avoid dispersing dust into the air** • **ventilate area of spill** • **use non -sparking tools**	Clean-up personnel should wear proper protective equipment. Sweep or scoop up spill for recovery or disposal and place into a closed container. Non-toxic and biodegradable. Whatever cannot be saved for recovery may be discarded as permitted by applicable regulations.
Section 7	Handling and Storage	Avoid handling techniques which are capable of producing and/or dispersing fugitive dust. **Remove ignition sources.**	Store in doors in areas of low humidity away from sources of moisture to avoid caking. In case of caking in large capacity storage vessels, personnel working inside the vessel should not stand under large cakes of sugar which could break loose and fall on those personnel.

<table>
<tr><td>Section 8</td><td>Exposure Controls / Personal Protection</td><td colspan="2">None normally required.

Inhalation of high concentrations of the dust may cause coughing and upper respiratory tract irritation. In dusty situation, a NIOSH-approved respirator for dust may be worn. Pre-existing respiratory conditions: use approved mask.</td><td>In cases of water being used to flush spilled material, floors and steps may become sticky. Use proper footwear when negotiating floors and steps.

Wearing of contact lenses when handling product should be avoided. Wear protective goggles.</td></tr>
<tr><td>Section 9</td><td>Physical and Chemical Properties</td><td colspan="2"><table><tr><td>Melting Point</td><td>Decomposes >185 °C</td></tr><tr><td>Boiling Point</td><td>N/A</td></tr><tr><td>Specific Gravity (H_2O = 1)</td><td>1.587</td></tr><tr><td>Vapor Pressure (mm Hg.)</td><td>5.15E-17</td></tr><tr><td>Vapor Density (AIR = 1)</td><td>N/A</td></tr><tr><td>Evaporation Rate Butyl Acetate = 1)</td><td>N/A</td></tr></table>Solubility in Water:
• 2.07 grams per gram water @25°
• 331 grams per 100 grams water @ 70°C</td><td><table><tr><td>Flash Point</td><td>N/A</td></tr><tr><td>Flammable Limits</td><td>N/A</td></tr><tr><td>LEL</td><td>dust 20 g/m^3</td></tr><tr><td>UEL</td><td>dust 15 kg/m^3</td></tr></table>Appearance and Odor: White, crystalline solid (monoclinic sphenoidal); odorless to a characteristic caramel odor.</td></tr>
<tr><td>Section 10</td><td>Stability and Reactivity</td><td colspan="2">Stable under ordinary conditions of use and storage. Hazardous polymerization will NOT occur.

Avoid temperatures above 160F; heat, flames, ignition sources, and incompatibles.</td><td>Avoid strong oxidizers (e.g. nitric acid or sulfuric acid).

Thermal decomposition or burning will produce carbon dioxide, carbon monoxide.</td></tr>
<tr><td>Section 11</td><td>Toxicological Information</td><td colspan="2">Non-toxic

LD50 29,700 mg/kg (oral, rat): Respiratory cyanosis</td><td>Product contains no ingredients currently classified as carcinogenic by NTP, IARC, or OSHA.</td></tr>
<tr><td>Section 12</td><td>Ecological Information (non-mandatory)</td><td colspan="2">Non-toxic and biodegradable.</td><td></td></tr>
<tr><td>Section 13</td><td>Disposal Considerations (non-mandatory)</td><td colspan="2">Whatever cannot be saved for recovery may be discarded as permitted by applicable regulations.</td><td></td></tr>
</table>

Section 14	Transport Information (non-mandatory)	Not applicable	
Section 15	Regulatory Information (non-mandatory)	Not ordinarily regulated. (Note some countries do have import quotas which restrict total amount of sugar entering their borders.)	
Section 16	Other Information	**Note: sugar dust is explosive, similar to flour and grain products**	
		Ignition temperature of dust cloud	**350 °C**
		Minimum igniting energy	**< 10mJ**
		Minimum explosion concentration	**0.035 oz / cu ft**
		Maximum explosion pressure	**9 bar**
		Maximum rate of pressure rise	**5,000 psi / sec**
		Minimum exposable concentration in air:	**0.045 g/L**

Safety Data Sheet

MORTON SALT, INC.

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name : Salt with Anti-Caking Additives

Synonyms : (Plain) Salt, 50/50 Flour Prepared Salt, 999 Chemical Grade Salt w/YPS, Agri-flo Salt, Bulk TFC Purex NC, Coarse Kosher Salt, Coarse Vacuum Salt w/YPS, Diamond M Salt, Evaporated Granulated Salt, Extra Fine 200 Salt, Extra Fine 325 Salt, Extra Fine Refined Sea Salt, Feed Mixing Salt, Fine Refined Sea Salt, Fine Solar Salt w/YPS, Flour Salt, Flour Sea Salt; Foodservice (Plain) Salt, H.G Blending Prepared Salt, H G Blending w/TCP, ISCO Mixing, Bulk, KO Fine Solar Salt w/YPS, Kleer Fine Salt, Kleer Mixing Salt w/YPS, Popcorn Salt, PureSun Flour, PureSun TFC Culinary Crystals, Purex Fine Prepared Salt, Purex Salt (w/Tricalcium Phosphate), Refined Flour Salt, ROM Fine Salt, Sea Salt, Coarse, Sea Salt, Fine, Snack Flour Salt, Sodium Salt, Star Flake Dendritic FR Salt, Star Flake Dendritic Salt, Star Flake Dendritic Salt with TCP, Table Salt, TCP 200 Salt, TCP 325 Salt, TCP Extra Fine 70 Sea Salt, TFC 200 Salt, TFC 325 Salt, TFC 999 Fine Salt, TFC 999 Salt, TFC Extra Fine 50 Sea Salt, TFC H.G Blending Salt, TFC Purex Salt, TFC Refined Sea Salt, TFC Select Sea Salt, Top Flake Salt (all), Vacuum Refined Granulated Salt, White Pretzel Salt (all)

Product Code : MSDS Code: G200

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) : Food and Chemical Additive or Processing – See product data sheets for more information

1.3 Details of the supplier of the safety data sheet

Manufacturer : Morton Salt, Inc.
444 W. Lake St.
Chicago, IL 60606
United States

saltinfo@mortonsalt.com

Telephone (General) : 312-807-2000

1.4 Emergency telephone number

Manufacturer : 312-807-2000

Section 2: Hazards Identification

EU/EEC
According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP : Not classified
DSD/DPD : Not classified

2.2 Label Elements

CLP
Hazard statements : No label element(s) specifically required
DSD/DPD
Risk phrases : No label element(s) specifically required

2.3 Other Hazards

CLP : According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.
DSD/DPD : According to European Directive 1999/45/EC this preparation is not considered dangerous.

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United States (US)
According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012 : Not classified

2.2 Label elements

OSHA HCS 2012
Hazard statements : No label element(s) specifically required

2.3 Other hazards

OSHA HCS 2012 : This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard

Canada
According to: WHMIS

2.1 Classification of the substance or mixture

WHMIS : Not classified

2.2 Label elements

WHMIS : No label element(s) specifically required

2.3 Other hazards

WHMIS : In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

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Section 3 - Composition/Information on Ingredients

3.1 Substances

: Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008

3.2 Mixtures

Composition

Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Sodium chloride	CAS:7647-14-5 EINECS:231-598-3	> 98%	Ingestion/Oral-Rat LD50 • 3 g/kg	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Hydroxylapatite (Tricalcium Phosphate); (Ca5(OH)(PO4)3) (OCI)	CAS:1306-06-5 EINECS:215-145-7	0% TO 2%	Ingestion/Oral-Rat LD50 • >25350 mg/kg	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	Anti-caking Agent
Silicic acid, aluminum sodium salt	CAS:1344-00-9 EINECS:215-684-8	< 1%	Ingestion/Oral-Rat LD50 • >27 g/kg	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	Anti-caking Agent
Calcium silicate	CAS:1344-95-2 EINECS:215-710-8	< 1%	NDA	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	Anti-caking Agent
Yellow Prussiate of Soda	CAS:13601-19-9 EINECS:237-081-9	< 0.0013%	NDA	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	Anti-caking Agent

Contains one or more anti-caking agents

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation • Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing

Skin • IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Eye • In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention

Ingestion • If large quantities are swallowed, call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

• Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician • All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media • Material is non-combustible. In case of fire use media as appropriate for surrounding fire

Unsuitable Extinguishing Media • No data available

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • No unusual fire or explosion hazards known

Hazardous Combustion Products • No data available

5.3 Advice for firefighters

• Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions • Wear suitable protective clothing, gloves, and eye/face protection.

Emergency Procedures • Stop leak if you can do it without risk. Keep unauthorized personnel away. Use normal clean up procedures.

6.2 Environmental precautions

• None expected to be necessary if material is used under ordinary conditions and as recommended

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures • Carefully shovel or sweep up spilled material and place in suitable container

6.4 Reference to other sections

• Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling • Use good safety and industrial hygiene practices. Wash thoroughly after handling. Keep out of reach of children.

7.2 Conditions for safe storage, including any incompatibilities

Storage • Avoid storage with strong acids and strong oxidizing agents.

Incompatible Materials or Ignition Sources • Strong oxidizing agents, strong acids

7.3 Specific end use(s)

• Refer to Section 1.2 - Relevant Identified Uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines

	Result	ACGIH	Canada Ontario	Canada Quebec	Germany DFG	Mexico
Yellow Prussiate of Soda	TWAs	Not established	Not established	Not established	Not established	5 mg/m3 TWA LMPE-PPT (as CN) *as Cyanide compounds*
	Ceiling	Not established	Not established	10 ppm Ceiling (as CN); 11 mg/m3 Ceiling (as CN) *as Cyanide compounds*	2 mg/m3 Peak (inhalable fraction, as CN) *as Cyanide compounds*	Not established
	MAKs	Not established	Not established	Not established	2 mg/m3 TWA MAK (inhalable fraction, as CN) *as Cyanide compounds*	Not established

Calcium silicate (1344-95-2)	TWAs	10 mg/m3 TWA (synthetic nonfibrous, particulate matter containing no asbestos and <1% crystalline silica)	10 mg/m3 TWA (synthetic nonfibrous, containing no Asbestos and <1% Crystaline silica)	10 mg/m3 TWAEV (synthetic, containing no Asbestos and <1% Crystaline silica, total dust)	Not established	10 mg/m3 TWA LMPE-PPT (inhalable fraction)

Exposure Limits/Guidelines (Con't.)			
	Result	NIOSH	OSHA
Yellow Prussiate of Soda	TWAs	Not established	5 mg/m3 TWA (as CN) *as Cyanide compounds*
Calcium silicate (1344-95-2)	TWAs	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	15 mg/m3 TWA (total dust), 5 mg/m3 TWA (respirable fraction)

Exposure Control Notations

Germany DFG

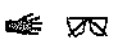
•Yellow Prussiate of Soda as Cyanide compounds: Pregnancy: (no risk to embryo/fetus if exposure limits adhered to (calculated as CN)) | Skin: (skin notation)

8.2 Exposure controls

Engineering Measures/Controls • Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Personal Protective Equipment

Pictograms



Respiratory • In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face • Wear safety glasses

Skin/Body • Wear appropriate gloves

General Industrial Hygiene Considerations • Do not get in eyes or on skin or clothing. Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls • Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

TWA = Time-Weighted Averages are based on 8h/day 40h/week exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Colorless to white crystalline solid
Color	Colorless to White	Odor	Data lacking
Particulate Size	Variable	Odor Threshold	Data lacking
General Properties			
Boiling Point	Data lacking	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	7 to 9 (approximately)
Specific Gravity/Relative Density	= 2.165 Water=1	Water Solubility	35 g / 100 cc water at 20°C (68°F). Anti-caking agent is insoluble
Viscosity	Data lacking	Explosive Properties	Not relevant.

Oxidizing Properties:	Not relevant		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
Flammability			
Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Not Flammable		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

• No additional physical and chemical parameters noted

Section 10: Stability and Reactivity

10.1 Reactivity

• No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

• Stable

10.3 Possibility of hazardous reactions

• Hazardous polymerization will not occur

10.4 Conditions to avoid

• Incompatible materials

10.5 Incompatible materials

• Strong oxidizing agents, strong acids.

10.6 Hazardous decomposition products

• Will react with strong acids to generate hydrogen chloride and with strong oxidizing agents to generate chlorine gas

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components		
Sodium chloride (> 95%)	7647-14-5	Acute Toxicity: Ingestion/Oral-Rat LD50 • 3000 mg/kg. Irritation: Eye-Rabbit • 10 mg • Moderate Irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Mild Irritation
Hydroxylapatite (Ca5(OH)(PO4)3) (9CI) (0% TO 2%)	1306-06-5	Acute Toxicity: Ingestion/Oral-Rat LD50 • >25300 mg/kg
Silica, cod, aluminum sodium salt (< 1%)	1344-00-9	Acute Toxicity: Ingestion/Oral-Rat LD50 • >27 g/kg

GHS Properties	Classification
Respiratory sensitization	EU/CLP•Classification criteria not met OSHA HCS 2012•Classification criteria not met
Serious eye damage/irritation	EU/CLP•Classification criteria not met OSHA HCS 2012•Classification criteria not met
Acute toxicity	EU/CLP•Classification criteria not met OSHA HCS 2012•Classification criteria not met

Aspiration Hazard	EU/CLP*Classification criteria not met OSHA HCS 2012*Classification criteria not met
Carcinogenicity	EU/CLP*Classification criteria not met OSHA HCS 2012*Classification criteria not met
Skin corrosion/irritation	EU/CLP*Classification criteria not met OSHA HCS 2012*Classification criteria not met
Skin sensitization	EU/CLP*Classification criteria not met OSHA HCS 2012*Classification criteria not met
STOT-RE	EU/CLP*Classification criteria not met OSHA HCS 2012*Classification criteria not met
STOT-SE	EU/CLP*Classification criteria not met OSHA HCS 2012*Classification criteria not met
Toxicity for Reproduction	EU/CLP*Classification criteria not met OSHA HCS 2012*Classification criteria not met
Germ Cell Mutagenicity	EU/CLP*Classification criteria not met OSHA HCS 2012*Classification criteria not met

Potential Health Effects

Inhalation

Acute (Immediate) • Under normal conditions of use, no health effects are expected. Inhalation of dust may cause mild irritation to mucous membranes, nose and throat. Symptoms may include coughing, dryness and sore throat

Chronic (Delayed) • No data available.

Skin

Acute (Immediate) • Under normal conditions of use, no health effects are expected.

Chronic (Delayed) • No data available.

Eye

Acute (Immediate) • Based upon practical use and experience using this product eye irritation is not expected to occur

Chronic (Delayed) • No data available.

Ingestion

Acute (Immediate) • Ingestion may cause the following symptoms - diarrhea.

Chronic (Delayed) • No data available

Key to abbreviations
LD = Lethal Dose
MLD = Mild
MOD = Moderate

Section 12 - Ecological Information

12.1 Toxicity

• Material data lacking

12.2 Persistence and degradability

• Material data lacking.

12.3 Bioaccumulative potential

• Material data lacking.

12.4 Mobility In Soil

• Material data lacking.

12.5 Results of PBT and vPvB assessment

• No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

• No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not regulated	NDA	NDA	NDA

14.6 Special precautions for user • None known

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • Not relevant.

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • None

		State Right To Know		
Component	CAS	MA	NJ	PA
Calcium silicate	1344-95-2	Yes	Yes	Yes
Hydroxylapatite (Ca5(OH)(PO4)3 (OH))	1306-06-5	No	No	No
Silicic acid, aluminum sodium salt	1344-00-9	No	No	No
Sodium chloride	7647-14-5	No	No	No
Yellow Prussiate of Soda	13601-19-9	No	Yes	Yes

		Inventory				
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELINCS	TECA
Calcium silicate	1344-95-2	Yes	No	Yes	No	Yes

Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Yes	No	Yes	No	Yes
Silicic acid, aluminum sodium salt	1344-00-9	Yes	No	Yes	No	Yes
Sodium chloride	7647-14-5	Yes	No	Yes	No	Yes
Yellow Prussiate of Soda	13601-19-9	Yes	No	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

·Calcium silicate	1344-95-2	Uncontrolled product according to WHMIS classification criteria
·Silicic acid, aluminum sodium salt	1344-00-9	Uncontrolled product according to WHMIS classification criteria
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Uncontrolled product according to WHMIS classification criteria
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Canada - WHMIS - Ingredient Disclosure List

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Environment

Canada - 2004 NPRI (National Pollutant Release Inventory)

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Canada - 2005 NPRI (National Pollutant Release Inventory)

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Canada - CEPA - Greenhouse Gases Subject to Mandatory Reporting

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Canada - CEPA - Priority Substances List

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed

·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Canada - DWQ (Drinking Water Quality) - IMACs

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Other

Canada - Accelerated Reduction/Elimination of Toxics (ARET)

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Canada New Brunswick

Environment

Canada - New Brunswick - Ozone Depleting Substances - Schedule A

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Canada - New Brunswick - Ozone Depleting Substances - Schedule B

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed

•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Mexico

Other

Mexico - Hazard Classifications

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Mexico - Regulated Substances

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		(XCN where X=H or any other group where a formal dissociation may occur. For example KCN or Ca(CN)2)
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed

•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		1.0 % de minimis concentration (X+CN- where X = H+ or any other group where a formal dissociation can be made. For example KCN or Ca(CN)2. Chemical Category N106)
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		(listed under Cyanide)
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

•Calcium silicate	1344-95-2	Not Listed
•Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
•Yellow Prussiate of Soda	13601-19-9	Not Listed
•Yellow Prussiate of Soda as Cyanide compounds		Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Hydroxylapatite (Ca5(OH)(PO4)3) (9CI)	1306-06-5	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

•Calcium silicate	1344-95-2	Not Listed

Disclaimer/Statement of Liability

- The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations. Nothing contained herein is to be construed as a recommendation for use in violation of any patents or of applicable laws or regulations.

Key to abbreviations
NDA = No data available

·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (OCl)	1306-06-5	Not Listed
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)		
·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (OCl)	1306-06-5	Not Listed
U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)		
·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (OCl)	1306-06-5	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female		
·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (OCl)	1306-06-5	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (OCl)	1306-06-5	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List		
·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (OCl)	1306-06-5	Not Listed
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances		
·Calcium silicate	1344-95-2	Not Listed
·Silicic acid, aluminum sodium salt	1344-00-9	Not Listed
·Yellow Prussiate of Soda	13601-19-9	Not Listed
·Yellow Prussiate of Soda as Cyanide compounds		Not Listed
·Sodium chloride	7647-14-5	Not Listed
·Hydroxylapatite (Ca5(OH)(PO4)3) (OCl)	1306-06-5	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information

Revision Date · November 30, 2017

Preparation Date · April 13, 2017