

# SAFETY DATA SHEET



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Date of first issue: 01/15/2020

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## SECTION 1. IDENTIFICATION

Product name : Excel Ceramic Sealant (EX226)  
Product code : EX226

### Manufacturer or supplier's details

Company name of supplier : Niteo Products, LLC  
Address : Dallas TX 75225  
Email Address : EHS@niteoproducts.com  
Telephone : 1-844-696-4836  
Emergency telephone number : 1-800-424-9300 / 1-703-741-5970

### Recommended use of the chemical and restrictions on use

Recommended use : Sealant  
Restrictions on use : Use only outdoors or in a well-ventilated area.

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## SECTION 2. HAZARDS IDENTIFICATION

### GHS classification in accordance with 29 CFR 1910.1200

Flammable liquids : Category 2  
Skin corrosion : Category 1B  
Serious eye damage : Category 1  
Skin sensitisation : Category 1  
Reproductive toxicity : Category 2  
Aspiration hazard : Category 1

### GHS label elements

Hazard pictograms : 

Signal word : Danger

Hazard statements : Highly flammable liquid and vapour.  
May be fatal if swallowed and enters airways.  
Causes severe skin burns and eye damage.  
May cause an allergic skin reaction.  
Suspected of damaging fertility.

Precautionary statements : **Prevention:**  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.

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Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Keep container tightly closed.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ ventilating/ lighting equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
Wash skin thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves/ protective clothing/ eye protection/ face protection.

### Response:

IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.  
IF exposed or concerned: Get medical advice/ attention.  
If skin irritation or rash occurs: Get medical advice/ attention.  
Wash contaminated clothing before reuse.  
In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

### Storage:

Store in a well-ventilated place. Keep cool.  
Store locked up.

### Disposal:

Dispose of contents/ container to an approved waste disposal plant.

### Other hazards

None known.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Distillates (petroleum)	64742-46-7	>= 10 - < 20
Dicocodimonium Chloride	61789-77-3	>= 10 - < 20
Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated	68155-39-5	>= 5 - < 10
2-Butoxyethanol	111-76-2	>= 5 - < 10
Isopropanol	67-63-0	>= 5 - < 10
Phosphoric acid	7664-38-2	>= 1 - < 3
Alcohols, C9-11, ethoxylated	68439-46-3	>= 1 - < 3

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Citrus Aurantium Dulcis Oil	8008-57-9	>= 0.1 - < 1
Citral	5392-40-5	>= 0.1 - < 1
Orange, sweet, ext.	8028-48-6	>= 0.1 - < 1
Octamethylcyclotetrasiloxane	556-67-2	>= 0.1 - < 1
Hexyl Cinnamal	101-86-0	>= 0.1 - < 1
Coumarin	91-64-5	>= 0.1 - < 1

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.  
Symptoms of poisoning may appear several hours later.  
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Remove contaminated clothing. If irritation develops, get medical attention.  
If on skin, rinse well with water.  
Wash contaminated clothing before re-use.  
If skin irritation persists, call a physician.
- In case of eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Continue rinsing eyes during transport to hospital.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.
- If swallowed : Get medical attention immediately.  
Do NOT induce vomiting.  
Rinse mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : May be fatal if swallowed and enters airways.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Suspected of damaging fertility.  
Causes severe burns.

## SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical  
Alcohol-resistant foam
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon oxides  
Nitrogen oxides (NO<sub>x</sub>)

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Silicon oxides  
Oxides of phosphorus

- Specific extinguishing methods : Product is compatible with standard fire-fighting agents.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.  
Use a water spray to cool fully closed containers.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
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## SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Remove all sources of ignition.  
Ensure adequate ventilation.  
Avoid breathing dust.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.  
Evacuate personnel to safe areas.  
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.  
Prevent product from entering drains.  
Do not flush into surface water or sanitary sewer system.  
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
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## SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Special precautions may be necessary to dissipate static electricity for non-conductive containers. Use proper bonding and grounding during product transfer as described in National Fire Protection Association document NFPA 77.  
Keep away from open flames, hot surfaces and sources of ignition.  
Use only explosion-proof equipment.  
Do not spray on a naked flame or any incandescent material.
- Advice on safe handling : Open drum carefully as content may be under pressure.  
Avoid formation of aerosol.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Do not breathe vapours/dust.  
Do not smoke.

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Take precautionary measures against static discharges.  
 Avoid contact with skin and eyes.  
 Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.  
 Dispose of rinse water in accordance with local and national regulations.  
 Container hazardous when empty.  
 Smoking, eating and drinking should be prohibited in the application area.  
 For personal protection see section 8.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
 Observe label precautions.  
 No smoking.

Further information on storage stability : No decomposition if stored and applied as directed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates (petroleum)	64742-46-7	TWA (Mist)	5 mg/m <sup>3</sup>	OSHA Z-1
		TWA (Mist)	5 mg/m <sup>3</sup>	OSHA P0
		TWA (Mist)	5 mg/m <sup>3</sup>	NIOSH REL
		ST (Mist)	10 mg/m <sup>3</sup>	NIOSH REL
2-Butoxyethanol	111-76-2	TWA	20 ppm	ACGIH
		TWA	5 ppm 24 mg/m <sup>3</sup>	NIOSH REL
		TWA	50 ppm 240 mg/m <sup>3</sup>	OSHA Z-1
		TWA	25 ppm 120 mg/m <sup>3</sup>	OSHA P0
Isopropanol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m <sup>3</sup>	NIOSH REL
		ST	500 ppm 1,225 mg/m <sup>3</sup>	NIOSH REL
		TWA	400 ppm 980 mg/m <sup>3</sup>	OSHA Z-1
Phosphoric acid	7664-38-2	TWA	400 ppm 980 mg/m <sup>3</sup>	OSHA P0
		STEL	500 ppm 1,225 mg/m <sup>3</sup>	OSHA P0
		TWA	1 mg/m <sup>3</sup>	ACGIH
		STEL	3 mg/m <sup>3</sup>	ACGIH
		TWA	1 mg/m <sup>3</sup>	NIOSH REL
		ST	3 mg/m <sup>3</sup>	NIOSH REL

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		TWA	1 mg/m3	OSHA Z-1
		TWA	1 mg/m3	OSHA P0
		STEL	3 mg/m3	OSHA P0
Citrus Aurantium Dulcis Oil	8008-57-9	TWA (mist - total)	10 mg/m3	NIOSH REL
		TWA (mist - respirable)	5 mg/m3	NIOSH REL
Citral	5392-40-5	TWA (Inhalable fraction and vapor)	5 ppm	ACGIH
Octamethylcyclotetrasiloxane	556-67-2	TWA	10 ppm	US WEEL

### Hazardous components without workplace control parameters

Components	CAS-No.
Dicocodimonium Chloride	61789-77-3
Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated	68155-39-5
Alcohols, C9-11, ethoxylated	68439-46-3
Orange, sweet, ext.	8028-48-6
Hexyl Cinnamal	101-86-0
Coumarin	91-64-5

### Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Sampling time	Permissible concentration	Basis
2-Butoxyethanol	111-76-2	Butoxyacetic acid (BAA)	Urine	End of shift (As soon as possible after exposure ceases)	200 mg/g Creatinine	ACGIH BEI
Isopropanol	67-63-0	Acetone	Urine	End of shift at end of work-week	40 mg/l	ACGIH BEI

**Engineering measures** : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

### Personal protective equipment

Hand protection

Remarks : Wear resistant gloves (consult your safety equipment supplier). The suitability for a specific workplace should be discussed with the producers of the protective gloves. Discard gloves that show tears, pinholes, or signs of wear.

Eye protection : Wear chemical splash goggles and face shield when there is potential for exposure of the eyes or face to liquid, vapor or mist.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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Hygiene measures :      Wear as appropriate:  
Impervious clothing  
Flame-resistant clothing  
Safety shoes  
Remove and wash contaminated clothing before re-use.  
:      Handle in accordance with good industrial hygiene and safety practice.  
When using do not smoke.  
When using do not eat or drink.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid  
Colour : light yellow  
Odour : fruity  
Odour Threshold : not determined

pH : 2.75 - 3.25  
not determined

Melting point/freezing point : not determined

Boiling point/boiling range : not determined  
Flash point : 53 °C  
Method: closed cup

Evaporation rate : not determined

Flammability (solid, gas) : No data available

Self-ignition : not determined

Upper explosion limit / Upper flammability limit : not determined

Lower explosion limit / Lower flammability limit : not determined

Vapour pressure : not determined

Relative vapour density : not determined

Density : not determined

Solubility(ies)  
Water solubility : not determined

Partition coefficient: n-octanol/water : not determined  
Decomposition temperature : not determined

Viscosity  
Viscosity, dynamic : not determined  
Viscosity, kinematic : not determined

Molecular weight : No data available

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## SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.  
Chemical stability : No decomposition if stored and applied as directed.  
Possibility of hazardous reactions : No decomposition if stored and applied as directed.  
Vapours may form explosive mixture with air.

Conditions to avoid : Heat, flames and sparks.  
Incompatible materials : Strong oxidizing agents  
Hazardous decomposition products : Carbon oxides  
Nitrogen oxides (NOx)  
Silicon oxides  
Oxides of phosphorus

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## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Inhalation  
Eye contact  
Skin contact  
Ingestion

### Acute toxicity

Not classified based on available information.

#### **Product:**

Acute oral toxicity : Acute toxicity estimate: 2,439 mg/kg  
Method: Calculation method  
Remarks: Causes digestive tract burns.

Acute inhalation toxicity : Acute toxicity estimate: 12.78 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

#### **Components:**

##### **Distillates (petroleum):**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 4.6 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg  
Assessment: No adverse effect has been observed in acute dermal toxicity tests.

##### **Dicocodimonium Chloride:**

Acute oral toxicity : LD50 (Rat): 960 mg/kg



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Remarks: Information given is based on data obtained from similar substances.

## **Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated:**

Acute oral toxicity : Assessment: The component/mixture is moderately toxic after single ingestion.

## **2-Butoxyethanol:**

Acute oral toxicity : LD50 (Guinea pig): 1,200 mg/kg

Acute inhalation toxicity : LC50 (Guinea pig): > 633 ppm  
Exposure time: 1 h  
Test atmosphere: dust/mist  
Assessment: The component/mixture is moderately toxic after short term inhalation.

Acute dermal toxicity : LD50 (Guinea pig): > 2,000 mg/kg  
Assessment: The component/mixture is moderately toxic after single contact with skin.

## **Isopropanol:**

Acute oral toxicity : LD50 (Rat): 5.84 g/kg

Acute inhalation toxicity : LC50 (Rat): 16000 ppm  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): 12,800 mg/kg

## **Phosphoric acid:**

Acute oral toxicity : LD50 (Rat): ca. 2,600 mg/kg

Acute dermal toxicity : LD50 (Rabbit): 2,740 mg/kg

## **Alcohols, C9-11, ethoxylated:**

Acute oral toxicity : LD50 (Rat): 500 - 2,000 mg/kg

Acute dermal toxicity : LD50 (Rabbit): > 5 g/kg

## **Citrus Aurantium Dulcis Oil:**

Acute oral toxicity : LD50 (Rat): > 5 g/kg

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

## **Citral:**

Acute oral toxicity : LD50 (Rat): ca. 6,800 mg/kg

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg

## **Orange, sweet, ext.:**

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Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg  
Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

#### **Octamethylcyclotetrasiloxane:**

Acute oral toxicity : LD50 (Rat): > 4,800 mg/kg  
Acute inhalation toxicity : LC50 (Rat): 36 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist  
Acute dermal toxicity : LD50 (Rabbit): > 2,400 mg/kg  
Assessment: No adverse effect has been observed in acute dermal toxicity tests.

#### **Hexyl Cinnamal:**

Acute oral toxicity : LD50 (Rat): 3,100 mg/kg  
Acute dermal toxicity : LD50 (Rabbit): > 3,000 mg/kg

#### **Coumarin:**

Acute oral toxicity : LD50 (Rat): 293 mg/kg

#### **Skin corrosion/irritation**

Causes severe burns.

#### **Product:**

Remarks: Causes severe skin burns and eye damage.

#### **Components:**

##### **Distillates (petroleum):**

Species: Rabbit  
Result: Irritating to skin.

##### **Dicocodimonium Chloride:**

Result: Irritating to skin.

##### **Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated:**

Result: Causes burns.

##### **2-Butoxyethanol:**

Method: Directive 67/548/EEC, Annex V, B.4.  
Result: Irritating to skin.

##### **Isopropanol:**

Result: Possibly irritating to skin

##### **Phosphoric acid:**

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Species: Rabbit  
Result: Corrosive after 1 to 4 hours of exposure

**Alcohols, C9-11, ethoxylated:**

Result: Mild skin irritation

**Citrus Aurantium Dulcis Oil:**

Result: Irritating to skin.

**Citral:**

Assessment: Irritating to skin.  
Result: Irritating to skin.

**Orange, sweet, ext.:**

Method: OECD Test Guideline 404  
Result: Irritating to skin.

**Octamethylcyclotetrasiloxane:**

Species: Rabbit  
Result: No skin irritation

**Hexyl Cinnamal:**

Result: Irritating to skin.

**Coumarin:**

Result: Possibly irritating to skin

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Product:**

Remarks: May cause irreversible eye damage.

**Components:**

**Distillates (petroleum):**

Species: Rabbit  
Result: Possibly irritating to eyes

**Dicocodimonium Chloride:**

Result: Corrosive

**Amines, C14-18 and C16-18-unsatd. alkyl, ethoxylated:**

Result: Irreversible effects on the eye

**2-Butoxyethanol:**

Result: Irritating to eyes.  
Method: OECD Test Guideline 405

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**Isopropanol:**

Result: Irritating to eyes.

**Phosphoric acid:**

Result: Irreversible effects on the eye

Assessment: Corrosive

**Alcohols, C9-11, ethoxylated:**

Result: Irreversible effects on the eye

**Citrus Aurantium Dulcis Oil:**

Result: Possibly irritating to eyes

**Citral:**

Result: Possibly irritating to eyes

**Orange, sweet, ext.:**

Result: No eye irritation

Method: OECD Test Guideline 405

**Octamethylcyclotetrasiloxane:**

Species: Rabbit

Result: Possibly irritating to eyes

**Coumarin:**

Result: Possibly irritating to eyes

**Respiratory or skin sensitisation**

**Skin sensitisation**

May cause an allergic skin reaction.

**Respiratory sensitisation**

Not classified based on available information.

**Product:**

Remarks: May cause allergic skin reaction.

**Components:**

**Distillates (petroleum):**

Test Type: Buehler Test

Species: Guinea pig

Assessment: Does not cause skin sensitisation.

**2-Butoxyethanol:**

Species: Guinea pig

Method: OECD Test Guideline 406

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Result: Not a skin sensitizer.

### **Citrus Aurantium Dulcis Oil:**

Assessment: May cause sensitisation by skin contact.

### **Citral:**

Assessment: May cause sensitisation by skin contact.

### **Orange, sweet, ext.:**

Method: OECD Test Guideline 429

Result: May cause sensitisation by skin contact.

### **Octamethylcyclotetrasiloxane:**

Test Type: Maximisation Test

Species: Guinea pig

Assessment: Does not cause skin sensitisation.

Method: OECD Test Guideline 406

### **Hexyl Cinnamal:**

Assessment: May cause sensitisation by skin contact.

Remarks: May cause allergic skin reaction.

### **Coumarin:**

Assessment: May cause sensitisation by skin contact.

Result: May cause sensitisation by skin contact.

### **Germ cell mutagenicity**

Not classified based on available information.

### **Components:**

#### **2-Butoxyethanol:**

Genotoxicity in vitro : Test Type: Ames test  
Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Result: negative

#### **Citral:**

Genotoxicity in vivo : Test Type: In vivo micronucleus test  
Species: Mouse  
Result: negative

#### **Octamethylcyclotetrasiloxane:**

Genotoxicity in vitro : Test Type: Ames test  
Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Result: negative

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## **Carcinogenicity**

Not classified based on available information.

### **IARC**

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

### **OSHA**

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

### **NTP**

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

## **Reproductive toxicity**

Suspected of damaging fertility.

### **Components:**

#### **Octamethylcyclotetrasiloxane:**

Reproductive toxicity - Assessment : Some evidence of adverse effects on sexual function and fertility, based on animal experiments.

### **STOT - single exposure**

Not classified based on available information.

### **Components:**

#### **Isopropanol:**

Assessment: May cause drowsiness or dizziness.

### **STOT - repeated exposure**

Not classified based on available information.

### **Aspiration toxicity**

May be fatal if swallowed and enters airways.

### **Components:**

#### **Distillates (petroleum):**

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

#### **Citrus Aurantium Dulcis Oil:**

May be fatal if swallowed and enters airways.

#### **Orange, sweet, ext.:**

May be fatal if swallowed and enters airways.

### **Further information**

### **Product:**

Remarks: No data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Toxicity

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life with long lasting effects.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
Do not burn, or use a cutting torch on, the empty drum.

## SECTION 14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

### International Regulations

#### IATA-DGR

UN/ID No. : UN 2924

Proper shipping name : Flammable liquid, corrosive, n.o.s.  
(Isopropanol, Phosphoric acid)

Class : 3

Subsidiary risk : 8

Packing group : II

Labels : 3 (8)

Packing instruction (cargo aircraft) : 363

Packing instruction (passenger aircraft) : 352

#### IMDG-Code

UN number : UN 2924

Proper shipping name : FLAMMABLE LIQUID, CORROSIVE, N.O.S.  
(Isopropanol, Phosphoric acid)

Class : 3

Subsidiary risk : 8

Packing group : II

Labels : 3 (8)

EmS Code : F-E, S-C

Marine pollutant : no

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

### National Regulations

#### 49 CFR

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UN/ID/NA number : UN 2924  
Proper shipping name : Flammable liquids, corrosive, n.o.s.  
(Isopropanol, Phosphoric acid)  
Class : 3  
Subsidiary risk : 8  
Packing group : II  
Labels : 3 (8)  
ERG Code : 132  
Marine pollutant : no

## SECTION 15. REGULATORY INFORMATION

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Phosphoric acid	7664-38-2	5000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

#### SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

**SARA 311/312 Hazards** : Flammable (gases, aerosols, liquids, or solids)  
Skin corrosion or irritation  
Serious eye damage or eye irritation  
Respiratory or skin sensitisation  
Reproductive toxicity  
Aspiration hazard

**SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:

2-Butoxyethanol	111-76-2	>= 5 - < 10 %
Isopropanol	67-63-0	>= 5 - < 10 %

#### California Prop. 65

WARNING: This product can expose you to chemicals including Methyl chloride, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



# SAFETY DATA SHEET

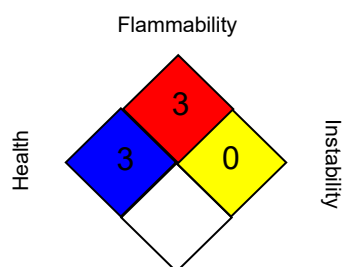
Version 0.1      Revision Date: 02/13/2020      SDS Number: 600000001997      Date of last issue: -  
Date of first issue: 01/15/2020

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## SECTION 16. OTHER INFORMATION

### Further information

#### NFPA:



Special hazard.

Revision Date : 02/13/2020

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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