

# SILVER FERN CHEMICAL, INC. Safety Data Sheet

#### NP-6

Revision Date 08/03/2019

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

# 1.1 Product identifier

Trade name

NP-6

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

- no data available

#### 1.3 Details of the supplier of the safety data sheet

### Company

Silver Fern Chemical, Inc. 2226 Queen Anne Avenue North Seattle WA 98109, USA Customer Service: 1-866-282-3384 info@silverfernchemical.com

### 1.4 Emergency telephone

Infotrac 1-800-535-5053 (USA & Canada) Outside USA & Canada 1-352-323-3500

# **SECTION 2: Hazards identification**

Although OSHA has not adopted the environmental portion of the GHS regulations, this document may include information on environmental effects.

# 2.1 Classification of the substance or mixture

# HCS 2012 (29 CFR 1910.1200)

Acute toxicity, Category 4 Skin irritation, Category 2 Serious eye damage, Category 1 H302: Harmful if swallowed. H315: Causes skin irritation.

H318: Causes serious eye damage.

# 2.2 Label elements

# HCS 2012 (29 CFR 1910.1200)

#### **Pictogram**





# Signal Word

- Danger

# **Hazard Statements**

- H302 - H315
- H318

Harmful if swallowed. Causes skin irritation.

Causes serious eye damage.

### **Precautionary Statements**

**Prevention** 



Revision Date 08/03/2019

- P264 Wash skin thoroughly after handling.

P270
 Do not eat, drink or smoke when using this product.
 P280
 Wear protective gloves/ eye protection/ face protection.

**Response** 

- P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.

- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

- P305 + P351 + P338 + P310 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.

P332 + P313
 If skin irritation occurs: Get medical advice/ attention.
 P362
 Take off contaminated clothing and wash before reuse.

**Disposal** 

- P501 Dispose of contents/ container to an approved waste disposal plant.

# 2.3 Other hazards which do not result in classification

- H401: Toxic to aquatic life.

- H411: Toxic to aquatic life with long lasting effects.

# **SECTION 3: Composition/information on ingredients**

#### 3.1 Substance

- Chemical nature Nonyl phenoxy (polyethyleneoxy)ethanol

# **Hazardous Ingredients and Impurities**

| Chemical name                     | Identification number CAS-No. | Concentration [%] |
|-----------------------------------|-------------------------------|-------------------|
| Ethoxylated Nonylphenol, Branched | 68412-54-4                    | >= 99 - <= 100    |

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

#### 3.2 Mixture

- Not applicable, this product is a substance.

# **SECTION 4: First aid measures**

# 4.1 Description of first-aid measures

# **General advice**

- Show this material safety data sheet to the doctor in attendance.
- First responder needs to protect himself.
- Place affected apparel in a sealed bag for subsequent decontamination.

#### In case of inhalation

- Negligible or unlikely exposure pathways
- Move to fresh air in case of accidental inhalation of vapors.
- If symptoms persist, call a physician.

# In case of skin contact

- Wash off immediately with plenty of water for at least 15 minutes.
- If a person feels unwell or symptoms of skin irritation appear, consult a physician.
- Remove contaminated clothing and shoes.
- Wash contaminated clothing before re-use.



Revision Date 08/03/2019

# In case of eye contact

- Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
- Immediate medical attention is required.

# In case of ingestion

- If victim is conscious:
- Rinse mouth with water.
- Keep at rest.
- Do not induce vomiting without medical advice.
- Do not leave the victim unattended.
- Vomiting may occur spontaneously
- Risk of product entering the lungs on vomiting after ingestion.
- Lay victim on side.
- Seek medical advice.

# 4.2 Most important symptoms and effects, both acute and delayed

#### **Effects**

- Skin contact may aggravate existing skin disease

#### **Effects**

 Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis

# 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.
- Treat symptomatically.
- There is no specific antidote available.

# **SECTION 5: Firefighting measures**

<u>Flash point</u> > 200 °F (> 93 °C)

closed cup

Flammability class: Will burn

Autoignition temperature No data available

Flammability / Explosive limit No data available

# 5.1 Extinguishing media

# Suitable extinguishing media

- Dry chemical
- Carbon dioxide (CO2)
- Foam

#### 5.2 Special hazards arising from the substance or mixture

# Specific hazards during fire fighting

- Under fire conditions:
- Will burn



Revision Date 08/03/2019

#### **Hazardous combustion products:**

- On combustion or on thermal decomposition (pyrolysis), releases:
- Carbon oxides

# 5.3 Advice for firefighters

# Special protective equipment for fire-fighters

- Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.
- Wear full protective clothing and self-contained breathing apparatus.
- Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

#### Specific fire fighting methods

- Cool containers/tanks with water spray.
- Do not use a solid water stream as it may scatter and spread fire.

#### **Further information**

- Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
- Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

#### **SECTION 6: Accidental release measures**

# 6.1 Personal precautions, protective equipment and emergency procedures

- Avoid contact with the skin and the eyes.
- Ventilate the area.
- Wear suitable protective equipment.
- For personal protection see section 8.

# 6.2 Environmental precautions

- Do not flush into surface water or sanitary sewer system.
- Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.
- Spills may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies

# 6.3 Methods and materials for containment and cleaning up

# Methods for containment

Stop the leak. Turn leaking containers leak-side up to prevent the escape of liquid.

#### Recovery

- Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
- Keep in suitable, closed containers for disposal.
- Keep in properly labeled containers.
- Never return spills in original containers for re-use.

#### Decontamination / cleaning

- Wash off with plenty of water.
- Wash nonrecoverable remainder with large amounts of water.
- Recover the cleaning water for subsequent disposal.
- Decontaminate tools, equipment and personal protective equipment in a segregated area.



Revision Date 08/03/2019

# Disposal

- Dispose of in accordance with local regulations.

#### Additional advice

Material can create slippery conditions.

# 6.4 Reference to other sections

- 7. HANDLING AND STORAGE
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 13. DISPOSAL CONSIDERATIONS

# **SECTION 7: Handling and storage**

# 7.1 Precautions for safe handling

- Handle in accordance with good industrial hygiene and safety practice.
- Wear personal protective equipment.
- Avoid inhalation, ingestion and contact with skin and eyes.
- Avoid splashes.
- Avoid formation of aerosol.
- Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.
- Avoid localized overheating.
- Vent drums while heating
- Mix thoroughly before use.
- Ethylene oxide may collect in container head space.
- Provide adequate ventilation.

# Hygiene measures

- Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this materials:
- 1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
- 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- 3) Wash exposed skin promptly to remove accidental splashes or contact with material.
- Use clean, well maintained personal protection equipment.

# 7.2 Conditions for safe storage, including any incompatibilities

# **Technical measures/Storage conditions**

- Keep container tightly closed in a dry and well-ventilated place.
- Keep away from incompatible materials to be indicated by the manufacturer
- Keep away from open flames, hot surfaces and sources of ignition.

#### Requirements for storage rooms and vessels

Recommended storage temperature: 59 - 120 °F (15 - 49 °C)

# 7.3 Specific end use(s)

- no data available



Revision Date 08/03/2019

# **SECTION 8: Exposure controls/personal protection**

Introductory Remarks: These recommendations provide general guidance for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Assistance with selection, use and maintenance of worker protection equipment is generally available from equipment manufacturers.

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

# 8.2 Exposure controls

#### **Control measures**

# **Engineering measures**

- Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures:
- Effective exhaust ventilation system

#### Individual protection measures

#### Respiratory protection

- When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.
- No personal respiratory protective equipment normally required.

#### Hand protection

- Where there is a risk of contact with hands, use appropriate gloves
- Gloves must be inspected prior to use.
- Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

# Eye protection

- Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.
- Eye contact should be prevented through the use of:
- Safety glasses with side-shields

#### Skin and body protection

- Protective suit
- Impervious clothing
- Footwear protecting against chemicals
- Choose body protection according to the amount and concentration of the dangerous substance at the work place.

# Hygiene measures

- Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this materials:
- 1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this
  material is stored.
- 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
- 3) Wash exposed skin promptly to remove accidental splashes or contact with material.
- Use clean, well maintained personal protection equipment.



Revision Date 08/03/2019

#### **Protective measures**

- Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the potential hazards, and/or risks that may occur during use.
- Ensure that eyewash stations and safety showers are close to the workstation location.
- Emergency equipment immediately accessible, with instructions for use.
- The protective equipment must be selected in accordance with current local standards and in cooperation with the supplier of the protective equipment.

# **SECTION 9: Physical and chemical properties**

Physical and Chemical properties here represent typical properties of this product. Contact the business area using the Product information phone number in Section 1 for its exact specifications.

# 9.1 Information on basic physical and chemical properties

Appearance Form: viscous

Physical state: liquid

Color: slightly yellow

<u>Odor</u> characteristic

Odor Threshold No data available

<u>pH</u> 6.0 - 8.0 ( 10 % (m/v))

Aqueous solution

Melting point/freezing point No data available

<u>Initial boiling point and boiling range</u> Boiling point/boiling range: > 392 °F (> 200 °C)

Flash point > 200 °F (> 93 °C) closed cup

Flammability class: Will burn

Evaporation rate (Butylacetate = 1)No data availableFlammability (solid, gas)No data availableFlammability (liquids)No data available

Flammability / Explosive limit

Autoignition temperature

No data available

Vapor pressureNo data availableVapor densityNo data available

<u>Density</u> ca. 1.04 g/cm3 ( 77 °F (25 °C))

Relative density No data available



Revision Date 08/03/2019

Solubility: Water solubility:

practically insoluble

<u>Solubility in other solvents:</u> organic polar solvents: soluble

Aromatic hydrocarbons: soluble

<u>Partition coefficient: n-octanol/water</u> Not applicable, Surface-Active.

<u>Decomposition temperature</u> No data available

ViscosityNo data availableExplosive propertiesNo data available

Oxidizing properties Not considered as oxidizing., Structure-activity relationship (SAR)

# 9.2 Other information

No data available

# **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

- Stable at normal ambient temperature and pressure.

### 10.2 Chemical stability

- Stable under normal conditions.
- Stable under recommended storage conditions.
- See chapter
- 7. HANDLING AND STORAGE

# 10.3 Possibility of hazardous reactions

- No dangerous reaction known under conditions of normal use.

#### polymerization

- Hazardous polymerization does not occur.

# 10.4 Conditions to avoid

- Keep away from flames and sparks.
- Keep away from heat and sources of ignition.

# 10.5 Incompatible materials

- Strong oxidizing agents
- Strong reducing agents

# 10.6 Hazardous decomposition products

# **Hazardous decomposition products**

- On combustion or on thermal decomposition (following the evaporation of water) releases:
- Carbon oxides



Revision Date 08/03/2019

# **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

**Acute toxicity** 

Acute oral toxicity 1,980 mg/kg - Rat , male and female

Harmful if swallowed. Unpublished internal reports

Acute inhalation toxicity No data available

Acute dermal toxicity

Ethoxylated Nonylphenol, Branched Not classified as hazardous for acute dermal toxicity according to GHS.

category approach

CESIO

Acute toxicity (other routes of

administration)

No data available

Skin corrosion/irritation Rabbit

Irritating to skin.

Unpublished internal reports

Serious eye damage/eye irritation

Ethoxylated Nonylphenol, Branched Rabbit

Irreversible effects on the eye

Method: Draize Test Unpublished internal reports

Expert judgment

Respiratory or skin sensitization Magnusson and Kligman method - Guinea pig

no cutaneous sensitization reaction observed

Published data

**Mutagenicity** 

Genotoxicity in vitro

Ethoxylated Nonylphenol, Branched category approach

Product is not considered to be genotoxic

Genotoxicity in vivo No data available

Carcinogenicity

Ethoxylated Nonylphenol, Branched Rat

Dog

category approach

The product is not considered to be carcinogenic.

This product does not contain any ingredient designated as probable or suspected human carcinogens by:

NTP

**IARC** 



Revision Date 08/03/2019

**OSHA** 

**Toxicity for reproduction and development** 

**Toxicity to reproduction / fertility**No data available

Developmental Toxicity/Teratogenicity No data available

STOT

STOT-single exposure

Ethoxylated Nonylphenol, Branched Routes of exposure: Ingestion, Skin contact

The substance or mixture is not classified as specific target organ toxicant, single

exposure according to GHS criteria. category approach, internal evaluation

STOT-repeated exposure

Ethoxylated Nonylphenol, Branched Routes of exposure: Ingestion

The substance or mixture is not classified as specific target organ toxicant,

repeated exposure according to GHS criteria.

internal evaluation

Oral exposure 28 Days - Rat

NOAEL: < 2.5 %

Unpublished internal reports

**Experience with human exposure** No data available

Aspiration toxicity No data available

# **SECTION 12: Ecological information**

# 12.1 Toxicity

# **Aquatic Compartment**

Acute toxicity to fish

Ethoxylated Nonylphenol, Branched category

category approach Toxic to fish.

Acute toxicity to daphnia and other

aquatic invertebrates

No data available

Toxicity to aquatic plants

Ethoxylated Nonylphenol, Branched

category approach

No adverse chronic effect observed up to and including the threshold of 1 mg / L.

Toxicity to microorganisms No data available



Revision Date 08/03/2019

Chronic toxicity to fish

No data available

Chronic toxicity to daphnia and other aquatic invertebrates

No data available

12.2 Persistence and degradability

Abiotic degradation No data available

Physical- and photo-chemical elimination

No data available

**Biodegradation** 

Biodegradability

Ethoxylated Nonylphenol, Branched Ready biodegradability study:

The substance does not fulfill the criteria for ready biodegradability and ultimate

aerobic biodegradability category approach Expert judgment

**Degradability assessment** 

Ethoxylated Nonylphenol, Branched The product is not considered to be rapidly degradable in the environment

12.3 Bioaccumulative potential

Partition coefficient: noctanol/water Not applicable, Surface-Active.

**Bioconcentration factor (BCF)** 

Ethoxylated Nonylphenol, Branched

category approach Expert judgment

Not potentially bioaccumulable

12.4 Mobility in soil

Adsorption potential (Koc) No data available

Known distribution to environmental compartments

Ultimate destination of the product: Water

12.5 Results of PBT and vPvB assessment

Ethoxylated Nonylphenol, Branched Not classified as PBT substance.

Not classified as vPvB.



Revision Date 08/03/2019

#### 12.6 Other adverse effects

# **Ecotoxicity assessment**

Short-term (acute) aquatic hazard

Ethoxylated Nonylphenol, Branched Toxic to aquatic life.

Long-term (chronic) aquatic hazard

Ethoxylated Nonylphenol, Branched Toxic to aquatic life with long lasting effects.

# **SECTION 13: Disposal considerations**

#### 13.1 Waste treatment methods

# **Product Disposal**

Chemical additions, processing or otherwise altering this material may make the waste management information
presented in this SDS incomplete, inaccurate or otherwise inappropriate. Please be advised that state and local
requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult
state and local regulations regarding the proper disposal of this material.

#### **Prohibition**

- Should not be released into the environment.
- Do not let product enter drains.

#### **Waste Code**

- Environmental Protection Agency
- Hazardous Waste NO

# Advice on cleaning and disposal of packaging

- Empty the packaging completely prior to disposal.
- Completely empty the packaging prior to decontamination.
- Carefully drain and then steam clean.
- Offer rinsed packaging material to local recycling facilities.
- Dispose of in accordance with local regulations.

# **SECTION 14: Transport information**

Transportation status: IMPORTANT! Statements below provide additional data on listed transport classification.

The listed Transportation Classification does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors.

# <u>DOT</u>

| 14.1 UN number | UN 3082 |
|----------------|---------|
|----------------|---------|

**14.2 Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nonyl

phenoxy (polyethyleneoxy) ethanol)

**14.3 Transport hazard class** 9
Label(s) 9

14.4 Packing group

Packing group III ERG No 171



Revision Date 08/03/2019

14.5 Environmental hazards

Marine pollutant

YES

9

Marine Pollutant

**TDG** 

**14.1 UN number** UN 3082

14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nonyl

phenoxy (polyethyleneoxy) ethanol)

14.3 Transport hazard class

Label(s) 9

14.4 Packing group

Packing group III ERG No 171

14.5 Environmental hazards YES

Marine pollutant Marine Pollutant

**NOM** 

**14.1 UN number** UN 3082

14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nonyl

phenoxy (polyethyleneoxy) ethanol)

14.3 Transport hazard class 9

Label(s) 9

14.4 Packing group

Packing group III ERG No 171

14.5 Environmental hazards YES

Marine pollutant

**IMDG** 

**14.1 UN number** UN 3082

14.2 Proper shipping name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nonyl

phenoxy (polyethyleneoxy) ethanol)

IMDG Code segregation group Not Relevant

14.3 Transport hazard class 9

Label(s) 9

14.4 Packing group

Packing group III

14.5 Environmental hazards YES



Revision Date 08/03/2019

# Marine pollutant

14.6 Special precautions for user

EmS F-A, S-F

For personal protection see section 8.

# 14.7 Transport in bulk vessels according to IMO instruments

No data available

# **IATA**

**14.1 UN number** UN 3082

**14.2 Proper shipping name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Nonyl

phenoxy (polyethyleneoxy) ethanol)

14.3 Transport hazard class

Label(s): 9

14.4 Packing group

Packing group III

Packing instruction (cargo aircraft) 964
Max net qty / pkg 450.00 L
Packing instruction (passenger aircraft) 964
Max net qty / pkg 450.00 L

14.5 Environmental hazards YES

# 14.6 Special precautions for user

For personal protection see section 8.

Note: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transportation regulations for hazardous materials, it would be advisable to check their validity with your sales office.



Revision Date 08/03/2019

# **SECTION 15: Regulatory information**

#### 15.1 Notification status

| Inventory Information  | Status   |
|--|--|
| United States TSCA Inventory   | All substances listed as active on the TSCA inventory  |
| Canadian Domestic Substances List (DSL)  | - Listed on Inventory  |
| Australia Inventory of Chemical Substances (AICS)  | - Listed on Inventory  |
| Japan. CSCL - Inventory of Existing and New Chemical Substances                          | - Listed on Inventory  |
| Korea. Korean Existing Chemicals Inventory (KECI)  | - Listed on Inventory  |
| China. Inventory of Existing Chemical Substances in China (IECSC)                        | - Listed on Inventory  |
| Philippines Inventory of Chemicals and Chemical Substances (PICCS)                       | - Listed on Inventory  |
| Taiwan Chemical Substance Inventory (TCSI)   | - Listed on Inventory  |
| New Zealand. Inventory of Chemical Substances  | All components are listed on the NZIOC inventory. The HSNO status of the product has not been assessed.  |
| EU. European Registration, Evaluation, Authorisation and Restriction of Chemical (REACH) | - When purchased from a Solvay legal entity based in the EEA ("European Economic Area"), this product is compliant with the registration provisions of the REACH Regulation (EC) No. 1907/2006 as all its components are either excluded, exempt, and/or registered. When purchased from a legal entity outside of the EEA, please contact your local representative for additional information. |

# 15.2 Federal Regulations

# **US. EPA EPCRA SARA Title III**

SARA HAZARD DESIGNATION SECTIONS 311/312 (40 CFR 370)

| Acute toxicity (any route of exposure) | Yes |
|--|-----|
| Skin corrosion or irritation           | Yes |
| Serious eye damage or eye irritation   | Yes |

The categories not mentioned are not relevant for the product.

# Section 313 Toxic Chemicals (40 CFR 372.65)

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Section 302 Emergency Planning Extremely Hazardous Substance Threshold Planning Quantity (40 CFR 355) This material does not contain any components with a section 302 EHS TPQ.

Section 302 Emergency Planning Extremely Hazardous Substance Reportable Quantity (40 CFR 355)



Revision Date 08/03/2019

| Components     | CAS-No. | Reportable quantity |
|----------------|---------|---------------------|
| Ethylene Oxide | 75-21-8 | 10 lb               |

Section 304 Emergency Release Notification Reportable Quantity (40 CFR 355)

| Components     | CAS-No. | Reportable quantity |
|----------------|---------|---------------------|
| Ethylene Oxide | 75-21-8 | 10 lb               |

# US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)

| Components     | CAS-No.  | Reportable quantity |
|----------------|----------|---------------------|
| Ethylene Oxide | 75-21-8  | 10 lb               |
| 1,4-Dioxane    | 123-91-1 | 100 lb              |

#### Other regulations

# **FDA status**

- This product meets the compositional requirements of:
- 21 CFR 175.105 ADHESIVES
- 21 CFR 176.180 COMP'TS OF PAPER/PAPERBOARD CONT./DRY FOOD
- 21 CFR 176.210 DEFOAMING AGENTS USED IN ..... OF PAPER & PAPERBOARD
- 21 CFR 178.3400 EMULSIFIERS AND/OR SURFACE ACTIVE AGENTS

# 15.3 State Regulations

#### US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)

This product can expose you to chemicals including Ethylene Oxide (CAS # 75-21-8), 1,4-Dioxane (CAS # 123-91-1), which is/are known to the State of California to cause cancer, and

This product can expose you to chemicals including Ethylene Oxide (CAS # 75-21-8), 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.

#### **SECTION 16: Other information**

### NFPA (National Fire Protection Association) - Classification

Health 2 moderate
Flammability 1 slight
Instability or Reactivity 0 minimal

# HMIS (Hazardous Materials Identification System (Paint & Coating)) - Classification

Health 2 moderate
Flammability 1 slight
Reactivity 0 minimal

PPE Determined by User; dependent on local conditions

Date Prepared: 08/03/2019

ACGIH American Conference of Governmental Industrial Hygienists

- OSHA Occupational Safety and Health Administration



Revision Date 08/03/2019

- NTP National Toxicology Program

- IARC International Agency for Research on Cancer

NIOSH National Institute for Occupational Safety and Health

# **DISCLAIMER OF RESPONSIBILITY**

The information on this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS information may not be applicable.

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