

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Date of Issue: 09/09/2020

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier Product Form: Mixture

Product Name: P3 Creosote-Petroleum Solution **Synonyms:** AWPA P3; Creosote Petroleum Solution

1.2. Intended Use of the Product

Use of the Substance/Mixture: Wood Preservative

1.3. Name, Address, and Telephone of the Responsible Party

Lone Star Specialties, LLC 6412 U.S. Highway 259 South Lone Star, Texas USA 75668 Phone: (903)656-2536 Fax:(903)656-2151

1.4. Emergency Telephone Number

Emergency Number : For Chemical Emergency Call CHEMTREC day or night

Within USA and Canada: 1.800.424.9300

Mexico: 1.800.681.9531

Outside USA and Canada: 1.703.527.3887 (collect calls accepted)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

H302

Acute Tox. 4	H332
(Inhalation:dust,mist)	
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Muta. 2	H341
Carc. 1B	H350
Repr. 1A	H360
STOT SE 3	H335
STOT RE 2	H373
Asp. Tox. 1	H304
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Full text of hazard classes and H-statements: see section 16

2.2. Label Elements

GHS-US Labeling

Acute Tox. 4 (Oral)

Hazard Pictograms (GHS-US)







Signal Word (GHS-US)

Hazard Statements (GHS-US) : H302+H332 - Harmful if swallowed or if inhaled.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H341 - Suspected of causing genetic defects.

H350 - May cause cancer.

H360 - May damage fertility or the unborn child.

H373 - May cause damage to organs through prolonged or repeated exposure.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

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Precautionary Statements (GHS-US)

- : P201 Obtain special instructions before use.
 - P202 Do not handle until all safety precautions have been read and understood.
 - P260 Do not breathe vapors, mist, or spray.
 - P264 Wash hands, forearms, and other exposed areas thoroughly after handling.
 - P270 Do not eat, drink or smoke when using this product.
 - P271 Use only outdoors or in a well-ventilated area.
 - P272 Contaminated work clothing must not be allowed out of the workplace.
 - P273 Avoid release to the environment.
 - P280 Wear protective gloves, protective clothing, and eye protection.
 - P301+P310 If swallowed: Immediately call a poison center or doctor.
 - P301+P312 If swallowed: Call a poison center or doctor if you feel unwell.
 - P302+P352 If on skin: Wash with plenty of water.
 - P304+P340 If inhaled: Remove person to fresh air and keep at rest in a position comfortable for breathing.
 - P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes.
 - Remove contact lenses, if present and easy to do. Continue rinsing.
 - P308+P313 If exposed or concerned: Get medical advice/attention.
 - P312 Call a poison center or doctor if you feel unwell.
 - P314 Get medical advice/attention if you feel unwell.
 - P321 Specific treatment (see section 4 on this SDS).
 - P330 Rinse mouth.
 - P331 Do NOT induce vomiting.
 - P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 - P337+P313 If eye irritation persists: Get medical advice/attention.
 - P362+P364 Take off contaminated clothing and wash it before reuse.
 - P391 Collect spillage.
 - P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 - P405 Store locked up.
 - P501 Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Name	Synonyms	Product Identifier	%	GHS US classification
Coal tar creosote	Creosote / Creosote (The distillate of coal tar produced by the high temperature carbonization of bituminous coal. It consists primarily of aromatic hydrocarbons, tar acids and tar bases.) / Creosote oil	(CAS-No.) 8001-58-9	60 – 90	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Skin Sens. 1, H317 Muta. 2, H341
				Carc. 1B, H350 Repr. 1A, H360 STOT SE 3, H335 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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Distillates, petroleum, light catalytic cracked	Petroleum distillates, light catalytic cracked / Distillates (petroleum), light catalytic cracked / Distillates (petroleum), light catalytic cracked - cracked gas oil	(CAS-No.) 64741-59-9	10 – 40	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Carc. 1B, H350 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Clarified oils, petroleum, catalytic cracked	Clarified oils (petroleum), catalytic cracked / Clarified slurry oil / Clarified oils (petroleum), catalytic cracked - heavy fuel oil / Slurry oil, clarified	(CAS-No.) 64741-62-4	10 – 40	Flam. Liq. 4, H227 Acute Tox. 4 (Inhalation:dust,mist), H332 Carc. 1B, H350 Repr. 2, H361 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.

First-aid Measures After Skin Contact: Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

First-aid Measures After Eye Contact: Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

First-aid Measures After Ingestion: Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: May cause respiratory irritation. May cause cancer. May cause damage to organs through prolonged or repeated exposure. Skin sensitization. Causes skin irritation. Causes serious eye irritation. Suspected of causing genetic defects. May damage fertility. May damage the unborn child. Harmful if swallowed. Harmful if inhaled. May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: Irritation of the respiratory tract and the other mucous membranes. Inhalation is likely to cause adverse health effects including but not limited to: irritation, difficulty breathing, and unconsciousness.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts. Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

Chronic Symptoms: May cause cancer. May cause damage to organs through prolonged or repeated exposure. Suspected of causing genetic defects. May damage fertility or the unborn child.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

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5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. **Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Smoke. Hydrogen.

Other Information: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions. Ventilate area.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes, skin and clothing. Do not handle until all safety precautions have been read and understood. Do not breathe mist, spray, vapors. Obtain special instructions before use. Handle empty containers with care because they may still present a hazard. Use only outdoors or in a well-ventilated area.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

Incompatible Materials: Strong acids, strong bases, strong oxidizers. Alkali metals. Strong reducing agents.

7.3. Specific End Use(s)

Wood Preservative

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

8.2. Exposure Controls

Appropriate Engineering Controls

- : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Gas detectors should be used when toxic gases may be released.
- **Personal Protective Equipment**
- : Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



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Materials for Protective Clothing : Chemically resistant materials and fabrics.

Hand Protection : Wear protective gloves.Eye and Face Protection : Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection : If exposure limits are exceeded or irritation is experienced, approved respiratory

protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory

protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State : Liquid

Appearance : Dark brown to black - 2.5Y2/2 to 2.5Y4/2 on the Munsell color scheme

Odor : Sharp, aromatic, wood-like

Odor Threshold : No data available

pH : 7.0 – 8.0

: No data available **Evaporation Rate Melting Point** : No data available **Freezing Point** : No data available **Boiling Point** : No data available **Flash Point** : > 200 °F (93.33 °C) **Auto-ignition Temperature** : No data available : No data available **Decomposition Temperature** Flammability (solid, gas) : Not applicable **Vapor Pressure** : No data available Relative Vapor Density at 20°C : No data available : No data available **Relative Density** Solubility : No data available **Partition Coefficient: N-Octanol/Water** : No data available Viscosity : No data available

9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity: Hazardous reactions will not occur under normal conditions.
- **10.2.** Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
- **10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.
- 10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers. Alkali metals. Strong reducing agents.
- 10.6. Hazardous Decomposition Products: Not expected to decompose under ambient conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral): Harmful if swallowed.
Acute Toxicity (Dermal): Not classified
Acute Toxicity (Inhalation): Harmful if inhaled.

P3 Creosote-Petroleum Solution		
ATE (Oral)	749.64 mg/kg body weight	
ATE (Dust/Mist)	2.75 mg/l/4h	
Coal tar creosote (8001-58-9)		
LD50 Oral Rat	725 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	
Distillates, petroleum, light catalytic cracked (64741-59-9)		
LD50 Oral Rat	6790 – 7180 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	
LC50 Inhalation Rat	5.4 g/l (Exposure time: 4 h)	

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ATE (Dust/Mist)	1.50 mg/l/4h	
Clarified oils, petroleum, catalytic cracked (64741-62-4)		
LD50 Oral Rat	4320 – 5270 mg/kg	
LD50 Dermal Rabbit	> 2000 mg/kg	
LC50 Inhalation Rat	> 3700 mg/m³ (Exposure time: 4 h)	
LC50 Inhalation Rat	4.1 mg/l/4h	

Skin Corrosion/Irritation: Causes skin irritation.

pH: 7.0 - 8.0

Serious Eye Damage/Irritation: Causes serious eye irritation.

pH: 7.0 - 8.0

Respiratory or Skin Sensitization: May cause an allergic skin reaction. **Germ Cell Mutagenicity:** Suspected of causing genetic defects.

Carcinogenicity: May cause cancer.

Coal tar creosote (8001-58-9)	
IARC group	2A
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.

Reproductive Toxicity: May damage fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): May cause respiratory irritation.

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: Irritation of the respiratory tract and the other mucous membranes. Inhalation is likely to cause adverse health effects including but not limited to: irritation, difficulty breathing, and unconsciousness.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/Injuries After Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Symptoms/Injuries After Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts. Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

Chronic Symptoms: May cause cancer. May cause damage to organs through prolonged or repeated exposure. Suspected of causing genetic defects. May damage fertility or the unborn child.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General : Very toxic to aquatic life with long lasting effects.

Coal tar creosote (8001-58-9)		
LC50 Fish 1	2.6 – 6.6 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])	
EC50 Daphnia 1	1.04 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC50 Fish 2	0.57 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])	
EC50 Daphnia 2	0.065 – 0.082 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])	
Distillates, petroleum, light catalytic cracked (64741-59-9)		
LC50 Fish 1	7.3 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [semi-static])	

12.2. Persistence and Degradability

P3 Creosote-Petroleum Solution	
Persistence and Degradability	May cause long-term adverse effects in the environment.

12.3. Bioaccumulative Potential

P3 Creosote-Petroleum Solution	
Bioaccumulative Potential	Not established.

12.4. Mobility in Soil No additional information available

12.5. Other Adverse Effects

Other Information : Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

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Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (Coal tar creosote; Clarified

oils, petroleum, catalytic cracked)

Hazard Class: 9Identification Number: UN3082Label Codes: 9

Packing Group : II

Marine Pollutant : Marine pollutant

ERG Number : 171 14.2. In Accordance with IMDG

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Coal tar creosote; Clarified

oils, petroleum, catalytic cracked)

Hazard Class : 9
Identification Number : UN3082
Packing Group : III
Label Codes : 9
EmS-No. (Fire) : F-A

EmS-No. (Fire) : F-A EmS-No. (Spillage) : S-F

Marine Pollutant : Marine pollutant

14.3. In Accordance with IATA

Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Coal tar creosote; Clarified

oils, petroleum, catalytic cracked)

Packing Group : III
Identification Number : UN3082

Hazard Class: 9Label Codes: 9ERG Code (IATA): 9L



SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

P3 Creosote-Petroleum Solution		
SARA Section 311/312 Hazard Classes	Health hazard - Specific target organ toxicity (single or repeated	
	exposure)	
	Health hazard - Carcinogenicity	
	Health hazard - Respiratory or skin sensitization	
	Health hazard - Skin corrosion or Irritation	
	Health hazard - Serious eye damage or eye irritation	
	Health hazard - Germ cell mutagenicity	
	Health hazard - Reproductive toxicity	
	Health hazard - Acute toxicity (any route of exposure)	
	Health hazard - Aspiration hazard	
Coal tar creosote (8001-58-9)		
Listed on the United States TSCA (Toxic Substanc	es Control Act) inventory	
Subject to reporting requirements of United State	es SARA Section 313	
CERCLA RQ	1 lb	
SARA Section 313 - Emission Reporting	0.1 %	
Distillates, petroleum, light catalytic cracked (64741-59-9)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory		
Clarified oils, petroleum, catalytic cracked (6474	i1-62-4)	
Listed on the United States TSCA (Toxic Substanc	es Control Act) inventory	

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15.2. US State Regulations

Coal tar creosote (8001-58-9)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) Environmental Hazard List
- U.S. Pennsylvania RTK (Right to Know) Special Hazardous Substances
- U.S. Pennsylvania RTK (Right to Know) List

California Proposition 65

WARNING: This product can expose you to Coal tar creosote, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Chemical Name (CAS No.)	Carcinogenicity	Developmental	Female Reproductive	Male Reproductive
		Toxicity	Toxicity	Toxicity
Coal tar creosote (8001-58-9)	Х			

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision

: 09/09/2020

Other Information

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR

1910.1200

GHS Full Text Phrases:

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Asp. Tox. 1	Aspiration hazard Category 1
Carc. 1B	Carcinogenicity Category 1B
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Eye Irrit. 2B	Serious eye damage/eye irritation Category 2B
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Muta. 2	Germ cell mutagenicity Category 2
Repr. 1A	Reproductive toxicity Category 1A
Repr. 2	Reproductive toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H320	Causes eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H341	Suspected of causing genetic defects
H350	May cause cancer
H360	May damage fertility or the unborn child
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated exposure

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H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)

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