

Precautionary statements

Prevention Wash thoroughly after handling.
 Avoid release to the environment.
 Wear protective gloves/protective clothing/eye protection/face protection.

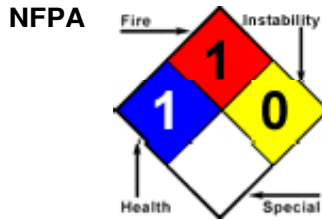
Response IF ON SKIN: Wash with plenty of soap and water.
 IF exposed or concerned: Get medical advice/attention.
 If skin irritation occurs: Get medical advice/attention.
 Take off contaminated clothing and wash before reuse.
 Collect spillage.

Storage/Disposal Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

UN GHS No data available

Other information



Section 3 - Composition/Information on Ingredients

Substances

Mixtures

Composition		
Chemical Name	Identifiers	%
Chloro alkanes	CAS:61788-76-9	25% TO 35%
Petroleum distillates, Hydrotreated heavy naphthenic	CAS:64742-52-5	50% TO 60%

Section 4: First-Aid Measures

Description of first aid measures

Inhalation If inhaled, remove to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. Get medical attention.

Skin IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Eye If contact with eyes directly, immediately flush eyes with plenty of water for at least 15 minutes.

Ingestion Do NOT induce vomiting unless directed to do so by medical personnel.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media Use an extinguishing agent suitable for surrounding fire. Use dry chemical, CO₂, water spray (fog) or foam.

Unsuitable Extinguishing Media Do not use water jet.

Firefighting Procedures No actions shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards No data available

Hazardous Combustion Products Combustion products may include the following: halogenated compounds, carbon oxides (CO, CO₂) (carbon monoxide, carbon dioxide), sulfur oxides (SO₂, SO₃ etc)

Advice for firefighters

Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas. Do not walk through spilled material.

Emergency Procedures Keep unauthorized personnel away. As an immediate precautionary measure, isolate spill or leak area in all directions.

Environmental precautions

LARGE SPILLS: Prevent entry into waterways, sewers, basements or confined areas. Avoid contact of spilled material with soil and prevent runoff entering surface waterways.

Methods and material for containment and cleaning up

Containment/Clean-up Measures No data available

Section 7 - Handling and Storage

Precautions for safe handling

Handling Avoid contact with skin and clothing. Avoid contact with eyes. Use only with adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Store in accordance with local regulations. Store away from direct sunlight in a dry, cool, and well ventilated area, away from incompatible materials (see section 10). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines No data available.

Exposure controls

Engineering Measures/Controls Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal Protective Equipment

Pictograms



Respiratory

Use only in adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable.

Eye/Face

Wear protective gloves/protective clothing/eye protection/face protection. Avoid contact with eyes.

Hands

Wear protective gloves/protective clothing/eye protection/face protection.

Skin/Body

Wear protective gloves/protective clothing/eye protection/face protection.

Environmental Exposure Controls

No data available

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Liquid
Color	Dark Brown	Odor	Mild.
Taste	Not relevant	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Not relevant	Physical and Chemical Properties	Liquid
General Properties			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	Heat of Decomposition	No data available
pH	Not relevant	Specific Gravity/Relative Density	0.97 to 1.02 @ 60 F(15.5 C)
Density	8.31 lbs / gal	Bulk Density	Not relevant
Water Solubility	Insoluble	Solvent Solubility	Soluble
Viscosity	174 to 212 Saybolt Universal Seconds (SUS) @ 100 F(37.7C)	Explosive Properties	Not relevant
Oxidizing Properties:	Not relevant		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available	VOC (Wt.)	No data available
VOC (Vol.)	21.8 g/L	Volatiles (Wt.)	No data available
Volatiles (Vol.)	No data available		
Flammability			

Flash Point	345 F(173.9 C) COC (Cleveland Open Cup)	UEL	No data available
LEL	No data available	Flame Duration	Not relevant
Heat of Combustion (ΔHc)	No data available	Burning Time	Not relevant
Flame Height	No data available	Flame Extension	Not relevant
Ignition Distance	No data available	Self-Accelerating Decomposition Temperature (SADT)	Not relevant
Autoignition	No data available	Flammability (solid, gas)	No data available
Environmental			
Half-Life	Not relevant	Octanol/Water Partition coefficient	Not relevant
Coefficient of water/oil distribution	Not relevant	Bioaccumulation Factor	Not relevant
Bioconcentration Factor	Not relevant	Biochemical Oxygen Demand BOD/BOD5	Not relevant
Chemical Oxygen Demand	Not relevant	Persistence	Not relevant
Degradation	Not relevant		

Section 10: Stability and Reactivity

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

Stable

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid all possible sources of ignition (spark or flame).

Incompatible materials

This product may react with strong oxidizing agents.

Hazardous decomposition products

No data available.

Section 11 - Toxicological Information

Information on toxicological effects

GHS Properties	Classification
Acute toxicity	UN GHS•
Aspiration Hazard	UN GHS•
Carcinogenicity	UN GHS•
Germ Cell Mutagenicity	UN GHS•
Skin corrosion/Irritation	UN GHS• Skin Irritation 2
Skin sensitization	UN GHS•
STOT-RE	UN GHS•

STOT-SE	UN GHS •
Toxicity for Reproduction	UN GHS • Toxic to Reproduction 2
Respiratory sensitization	UN GHS •
Serious eye damage/Irritation	UN GHS •

Potential Health Effects

Inhalation

Acute (Immediate) No data available
Chronic (Delayed) No data available

Skin

Acute (Immediate) May cause skin irritation.
Chronic (Delayed) No data available

Eye

Acute (Immediate) May cause eye irritation.
Chronic (Delayed) No data available

Ingestion

Acute (Immediate) May cause irritation.
Chronic (Delayed) No data available

Section 12 - Ecological Information

Toxicity

Data lacking.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available

Mobility in Soil

No data available

Other adverse effects

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

Avoid contact of spilled material with soil and surface waterways. Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities. Dispose of in accordance with all applicable local and national regulations.

Packaging waste

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

Section 14 - Transport Information

Special precautions for user No data available

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	UN3082	UN3082, Environmentally Hazardous substance, liquid, n.o.s. (C14-C17 Chlorinated Paraffin)	9	III	Marine Pollutant
IATA/ICAO	NDA	Not Regulated	NDA	NAD	NDA

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

Other information

Section 15 - Regulatory Information

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

SARA Hazard Classifications: No Data Available

TSCA Inventory: All the components of this product are listed on, or are automatically included as 'natural occurring chemical substances on, or are exempted from the requirements to be listed on the TSCA inventory.

Other Information:

CALIFORNIA PROPOSITION 65: This product does not contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

This product contains materials on the New Jersey Worker and Community Right-to-Know Act

This product contains materials on the Massachusetts Right-to-Know Act substance list.

This product contains materials on the Pennsylvania Right-to-Know Act hazardous substance list.

Mexico

Environment

Mexico - Ecological Criteria for Water Quality - Agricultural Irrigation

- Hydrotreated heavy paraffinic petroleum distillate (highly refined) 64742-54-7 Not Listed
- Chloro alkanes 61788-76-9 Not Listed
- Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic 64742-53-6 Not Listed

Mexico - Ecological Criteria for Water Quality - Drinking Water Supply Source

- Hydrotreated heavy paraffinic petroleum distillate (highly refined) 64742-54-7 Not Listed
- Chloro alkanes 61788-76-9 Not Listed
- Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic 64742-53-6 Not Listed

Mexico - Ecological Criteria for Water Quality - Protection of Fresh Water Aquatic Life

- Hydrotreated heavy paraffinic petroleum distillate (highly refined) 64742-54-7 Not Listed
- Chloro alkanes 61788-76-9 Not Listed
- Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic 64742-53-6 Not Listed

Mexico - Ecological Criteria for Water Quality - Protection of Marine Water Aquatic Life

- Hydrotreated heavy paraffinic petroleum distillate (highly refined) 64742-54-7 Not Listed
- Chloro alkanes 61788-76-9 Not Listed
- Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic 64742-53-6 Not Listed

Mexico - Pollutant Release and Transfer Register - Reporting Emissions - Threshold Quantities

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

Mexico - Wastewater Discharges - Maximum Limits into Coastal Waters

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

Mexico - Wastewater Discharges - Maximum Limits into Natural and Artificial Dams

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

Mexico - Wastewater Discharges - Maximum Limits into Rivers

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

Mexico - Wastewater Discharges - Maximum Limits into Soil

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

Mexico - Wastewater Discharges - Maximum Limits into Wetlands

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

Other**Mexico - Hazard Classifications**

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

Mexico - Regulated Substances

• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Chloro alkanes	61788-76-9	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (severe) light naphthenic	64742-53-6	Not Listed

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