

Thixocal 5300

Safety Data Sheet

Hazardous combustion products

Oxides of carbon, Formaldehyde, Hydrocarbons, Calcium oxides, Sulfur oxides.

Special protective equipment and precautions for fire-fighters

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Use appropriate methods for the surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

No health effects expected from the clean-up of this material, if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this SDS.

Methods and materials for containment and cleaning up

Absorb or cover with dry earth, sand or other non-combustible material and transfer to appropriate waste containers. Use clean, non-sparking tools to collect absorbed material. Collect and discard in accordance with local, state and national regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Mildly irritating material. Avoid unnecessary exposure. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Ground and bond containers when transferring material. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Conditions for safe storage, including any incompatibilities:

Safe storage conditions

Store in a cool dry place. Isolate from incompatible materials. Keep away from heat, sparks, and flame. Keep container closed when not in use.

Materials to Avoid/Chemical Incompatibility

Strong oxidizing agents, Strong acids, Amines

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical Component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
Hydrotreated light distillate (Petroleum)		200 mg/m ³	No data available	No data available

Appropriate engineering controls

Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910.

Individual protection measures, such as personal protective equipment

Respiratory Protection

Proper ventilation (at a minimum) will be required when handling this product. Use respirators (NIOSH approved) only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator.

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Eye protection	Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available.
Skin protection	Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
Gloves	Chemically resistant gloves
Other protective equipment	<p>Wear chemical splash goggles when handling this product. Additionally, wear a face shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available.</p> <p>Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.</p>
General hygiene conditions	Use with adequate ventilation. Do not use pressure to empty container. Use spark-proof tools and explosion-proof equipment. Keep in air-tight containers- material is hygroscopic. Avoid contact with material, avoid breathing dusts or fumes, use only in a well-ventilated area. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Ground and bond containers when transferring material. Do not get in eyes, on skin and clothing. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Viscous Liquid
Color	Tan
Odor	Mild Kerosene like
Odor Threshold	No data available
pH	No data available
Melting Point, °C	No data available
Boiling Point, °C	No data available
Initial boiling point and boiling range (°C)	No data available
Flash Point	>= 105 °F(41 °C)
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Lower Flammable/Explosive Limit, % in air	0.7
Upper Flammable/Explosive Limit, % in air	No data available
Vapor Pressure	> 2 mmHg @20°C
Vapor Density	> 1 (Air=1)
Relative Density	> 0.965
Solubility(ies)	Negligible; 0-1%
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature (°C)	No data available
Decomposition Temperature (°C)	No data available
Viscosity	000 cP
Volatiles, % by weight	29
VOC, Material, lb/gal	2.34
VOC, Material, grams/liter	280
VOC minus exempt solvents & water, g/l	280

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SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not expected to be reactive.
Chemical stability	Hazardous polymerization will not occur.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid (e.g., static discharge, shock, or vibration)	Temperatures above flash point in combination with sparks, open flames, or other sources of ignition. Elevated temperatures. Contamination.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

SECTION 11: TOXICOLOGICAL INFORMATION

Description of the various toxicological (health) effects and the available data used to identify those effects

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)	Eye contact, Skin contact, Inhalation
Symptoms related to the physical, chemical and toxicological characteristics	Causes skin irritation. May cause respiratory irritation. May cause drowsiness or dizziness.

Delayed and immediate effects and also chronic effects from short- and long-term exposure

Ingestion Toxicity	Harmful if swallowed. Estimated to be > 5.0 g/kg; practically non-toxic.
Skin Contact	Can cause minor skin irritation, defatting, and dermatitis.
Inhalation Toxicity	May cause respiratory irritation
Eye Contact	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
Sensitization	None known.
Mutagenicity	No data available.
Reproductive and Developmental Toxicity	No data available.
Carcinogenicity	There are no carcinogenic ingredients present at or over 0.1%.
STOT-single exposure	Classification has been based on toxicological information of the components in Section 3.
STOT-repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

Numerical measures of toxicity (such as acute toxicity estimates)

Chemical Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrotreated light distillate (Petroleum)			Inhalation LC50 (4h) Rat > 20 mg/L

Is the hazardous chemical listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has it been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA?

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

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available): No data available

Ecological Toxicity Data

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available				

Persistence and degradability No data available

Bioaccumulative potential No data available

Mobility in soil No data available

Other adverse effects (such as hazardous to the ozone layer) No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging Spent or discarded material may be a hazardous waste. Dispose of by incineration following Federal, State, Local, or Provincial regulations.

Waste codes / waste designations D001

SECTION 14: TRANSPORT INFORMATION

Domestic Ground in containers <=119 GL Corrosion preventive/Non-Regulated

Domestic Ground in containers >119 GL UN1268, PETROLEUM DISTILLATES, N.O.S., (Naphtha Solvent), Combustible liquid, PG III

Shipping name for Export, Air (IATA) UN1268, PETROLEUM DISTILLATES, N.O.S., (Naphtha Solvent),3, PG III

Shipping name for Export, Sea (IMDG) UN1268, PETROLEUM DISTILLATES, N.O.S., (Naphtha Solvent),3, PG III

Marine Pollutant? No

SECTION 15: REGULATORY INFORMATION

Status of formula components on selected national regulatory inventories:

LIST	STATUS
TSCA	All components in this product are on the TSCA Inventory or exempt.
Canadian DSL	All chemical substances in this material are included on or exempted from listing on the Canadian DSL.

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Chemical Name	CAS #	Regulation	Percent
Naphthalene	91-20-3	Prop. 65 - Cancer	TRACE
Cumene	98-82-8	Prop. 65 - Cancer	TRACE
Benzene	71-43-2	Prop. 65 - Cancer	TRACE
Ethylbenzene	100-41-4	Prop. 65 - Cancer	TRACE
Toluene	108-88-3	Prop. 65 - Developmental and/or Reproductive	TRACE
Benzene	71-43-2	Prop. 65 - Developmental and/or Reproductive	TRACE
Toluene	108-88-3	CERCLA	TRACE RQ=1000 lbs.
Naphthalene	91-20-3	CERCLA	TRACE RQ=100 lbs.
Cumene	98-82-8	CERCLA	TRACE RQ=5000 lbs.
Benzene	71-43-2	CERCLA	TRACE RQ=10 lbs.
Ethylbenzene	100-41-4	CERCLA	TRACE RQ=1000 lbs.
Toluene	108-88-3	SARA 313	TRACE
Cumene	98-82-8	SARA 313	TRACE
Naphthalene	91-20-3	SARA 313	TRACE
Benzene	71-43-2	SARA 313	TRACE
Ethylbenzene	100-41-4	SARA 313	TRACE
No SARA 302 EHS-listed chemicals in this product.		SARA EHS	

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

Revision Date : 01/22/2020

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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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.

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