



MATERIAL SAFETY DATA SHEET

ASPHALT REMOVER

HMIS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS								
<table border="1"> <tr> <td>1</td> <td>HEALTH</td> </tr> <tr> <td>2</td> <td>FLAMMABILITY</td> </tr> <tr> <td>0</td> <td>REACTIVITY</td> </tr> <tr> <td>B</td> <td>PROTECTIVE EQUIPMENT</td> </tr> </table>	1	HEALTH	2	FLAMMABILITY	0	REACTIVITY	B	PROTECTIVE EQUIPMENT		<p align="center">NOT REGULATED</p>
1	HEALTH									
2	FLAMMABILITY									
0	REACTIVITY									
B	PROTECTIVE EQUIPMENT									

SECTION II. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product name:	Asphalt Remover
Use:	Cleaning agent for Soprastar membrane
Manufacturer:	Soprema Inc. 310 Quadral Drive Wadsworth, Ohio 44281 UNITED STATES
Distributor:	Soprema, Inc. 310 Quadral Drive Wadsworth, Ohio 44281 UNITED STATES
In case of emergency:	SOPREMA (8:00am to 5:00pm - Eastern time): (800) 356-3521 CHEMTREC (USA) (24h.): (800) 424-9300 CANUTEC (Canada): (613) 996-6666 International: (703) 527-3887

EMERGENCY OVERVIEW!!!

This product is harmful by inhalation, when in contact with the skin and if it is swallowed. This product may cause sensitization by inhalation and skin contact. Repeated inhalation of vapors may cause an allergic respiratory response, the onset of which may be delayed several hours after exposure. Avoid contamination. Water reacts with product liberating CO₂ gas.

SECTION II. COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS

Component	CAS#	% by weight	ACGIH TLV
Petroleum hydrocarbon mixture	6474165-7	80-90	100 ppm

SECTION III. POTENTIAL HEALTH EFFECTS	
THRESHOLD LIMIT VALUE	Not established
OSHA THRESHOLD LIMIT VALUE	Not applicable
ACGIH THRESHOLD LIMIT VALUE	Not established
CARCINOGEN UNDER NTP PROGRAM	No
CARCINOGEN UNDER IARC PROGRAM	No
SKIN	Possible irritation.
EYES	Moderate irritation or burning.
INHALATION	Possible irritation to nasal passages.
CHRONIC EFFECTS OF OVEREXPOSURE	Skin defatting. Inhalation - central nervous system depression evidenced by dizziness, headaches and nausea. Excessive ingestion may be fatal.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE	None known.

SECTION IV. FIRST AID MEASURES	
EYES	Immediately flush eyes with water for at least 15 minutes, while blinking eyelids.. Seek medical attention.
SKIN	Remove contaminated clothing. Wash contact area with mild soap and water. Rinse thoroughly.
INHALATION	Remove victim to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.
INGESTION	Do NOT induce vomiting. For a conscious victim, drink one or two cups of milk or water. Never give anything to an unconscious person. Get medical attention immediately.

SECTION V. FIRE-FIGHTING MEASURES	
Flash point	130 °F
Upper flammability limit (UFL)	7%
Lower flammability limit (LFL)	0.6%
Special fire fight procedure	Self-contained positive pressure breathing apparatus and protective clothing
Extinguishing media	Water fog, dry chemical, foam, carbon dioxide
Unusual fire and explosion hazards	Combustible. Keep away from heat, sparks, open flames and sources of auto-ignition.

SECTION VI. ACCIDENTAL RELEASE MEASURES	
Spill Response: Wear all protective equipment set forth in Section VIII. Provide ventilation. Contain spill. Absorb on inert material or salvage material. Rinse residue with plenty of water.	

SECTION VII. HANDLING AND STORAGE	
Handling Procedures KEEP OUT OF REACH OF CHILDREN. Follow directions on label. Keep containers closed and upright. Store in dry area between temperatures of 40-90 °F. Dispose of empty container in accordance with legal regulations.	

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION	
VENTILATION	Mechanical ventilation if vapor concentration becomes high.
SKIN	Impervious gloves and protective clothing.
RESPIRATORY	If vapor concentration becomes high, use NIOSH/MSHA approved respiratory protection.
EYES	Safety glasses or goggles
OTHER PROTECTION	Eye wash fountain and safety showers.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM	Clear, thick light yellow colored liquid
ODOR	Slight solvent odor
VAPOR PRESSURE	Not established
pH	Approximately 7.0
VAPOR DENSITY	> 1
BOILING POINT	310 °F
SOLUBILITY (H₂O)	None
SPECIFIC GRAVITY	0.78
EVAPORATION RATE (BuAc = 1)	< 1
PERCENT VOLATILE	Approximately 85
FLASH POINT	130 °F
UPPER FLAMMABILITY LIMIT (UFL)	7%
LOWER FLAMMABILITY LIMIT (LFL)	0.6%

SECTION X. STABILITY AND REACTIVITY**Chemical Stability**

Stable.

Chemical Stability: Conditions to Avoid

Not applicable.

Incompatibility

Strong oxidizers.

Hazardous Decomposition Products

None known.

Hazardous Polymerization

Will not occur.

SECTION XI. TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE	Not established
OSHA THRESHOLD LIMIT VALUE	Not applicable
ACGIH THRESHOLD LIMIT VALUE	Not established
CARCINOGEN UNDER NTP PROGRAM	No
CARCINOGEN UNDER IARC PROGRAM	No

SECTION XII. ECOLOGICAL INFORMATION

EPA (TSCA): All ingredients are on the TSCA inventory.

EPA (SARA): Not applicable

SECTION XIII. DISPOSAL CONSIDERATIONS

Neutralization may be required. Follow all federal, state and local regulations.

SECTION XIV. TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Not regulated

SECTION XV. REGULATORY INFORMATION

EPA (TSCA): All ingredients are on the TSCA inventory.

EPA (SARA): Not applicable

SECTION XVI. OTHER INFORMATION

Glossary:

ACGIH: American Conference of Governmental Industrial Hygienists
ANSI: American National Standards Institute
ASTM: American Society for Testing and Materials
CAS: Chemical Abstract Services
CFR: Code of Federal Regulations (United States)
CSA: Canadian Standardisation Association
DOT: Department of Transportation (United States)
DSL: Domestic Substances List (Canada)
EPA: Environmental Protection Agency (United States)
HMIS: Hazardous Material Information System
IARC: International Agency for Research on Cancer
LC50: (Lethal concentration₅₀) Concentration of a substance in air that causes death of 50% mortality of a defined animal population
LD50: (Lethal dose₅₀) Single dose of a substance that, when administered by a defined route in an animal assay, is expected to cause the death of 50% of a defined animal population.
NFPA: National Fire Protection Association (United States)
NIOSH: National Institute for Occupational Safety and Health
NTP: National Toxicology Program
OSHA: Occupational Safety & Health Administration (United States)
PEL: Permissible Exposure Limit
RCRA: Resource Conservation and Recovery Act (United States)
RTECS: Registry of Toxic Effects of Chemical Substances
TDG: Transportation of Dangerous Goods
TLV: Threshold Limit Value
TWA: Time-weighted average
TSCA: Toxic Substances Control Act (United States)
WHMIS: Workplace Hazardous Materials Information System (Canada)

Reference:

Supplier MSDS

This MSDS has been prepared by: SOPREMA, INC.

For information: 800-543-3085

The Material Safety Data Sheets of SOPREMA are available on Internet at the following site: [HTTP://WWW.SOPREMA.US](http://WWW.SOPREMA.US)

Justification of the update:

New MSDS.

This MSDS contains all the information required by ANSI Z-400.1-1998 standard (United States), by regulation 29 CFR Part 1910.1200 of the Hazard Communication Standard of OSHA, and is in accordance with standard DORS/88-66 OF WHMIS Canada.

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