



MATERIAL SAFETY DATA SHEET
ALSAN MBSP CLEANER

HMIS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #0056b3; color: white;"> <td style="text-align: center;">2</td> <td style="text-align: center;">HEALTH</td> </tr> <tr style="background-color: #d9534f; color: white;"> <td style="text-align: center;">1</td> <td style="text-align: center;">FLAMMABILITY</td> </tr> <tr style="background-color: #e69d00; color: white;"> <td style="text-align: center;">1</td> <td style="text-align: center;">REACTIVITY</td> </tr> <tr style="background-color: #f0f0f0;"> <td style="text-align: center;">G</td> <td style="text-align: center;">PROTECTIVE EQUIPMENT</td> </tr> </table>	2	HEALTH	1	FLAMMABILITY	1	REACTIVITY	G	PROTECTIVE EQUIPMENT		<p>NOT REGULATED</p>
2	HEALTH									
1	FLAMMABILITY									
1	REACTIVITY									
G	PROTECTIVE EQUIPMENT									

SECTION II. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product name:	Alsan MBSP Cleaner
Product number:	L-MBSP07
Use:	Cleaning liquid
Manufacturer:	Soprema, USA 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 Point Center: (800) 222-1222

EMERGENCY OVERVIEW!!!
KEEP AWAY FROM CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY FOR USE BY TRAINED PERSONNEL ONLY

SECTION II. COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS

Component	CAS#	TLV	CARCINOGEN
Ethylene glycol monobutyl ether	111-76-2	50 ppm	No

SECTION III. POTENTIAL HEALTH EFFECTS*Effects of Short-Term (Acute) Exposure***INHALATION:**

Concentrated vapors may cause irritation.

SKIN CONTACT:

Concentrate may cause skin irritation, reddening, or dermatitis upon repeated contact.

EYE CONTACT:

Concentrate is an eye irritant and may cause irritation, redness or tearing.

INGESTION:

If swallowed, product may be irritating to the gastrointestinal system.

SECTION IV. FIRST AID MEASURES

SKIN	Immediately flush exposed area with water for at least 15 minutes. If irritation persists, seek medical attention. Remove contaminated clothing and launder before reuse.
EYES	Immediately flush with large quantities of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek medical attention if irritation persists.
INHALATION	Remove person to fresh air. If irritation persists get medical attention.
INGESTION	DO NOT induce vomiting. Dilute by giving water or milk. Note: Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet. Get medical attention immediately.

SECTION V. FIRE-FIGHTING MEASURES

Flash point	None
Flammable limits	LEL: Not applicable; UEL: Not applicable
Extinguishing media	This product is non-combustible. Water spray, dry chemical, CO2 or foam may be used in areas where this product is stored.
Special fire fighting procedures	As in case of any fire, firefighters should wear a full face, self-contained breathing apparatus and impervious clothing such as gloves, hoods, suits and rubber boots
Unusual fire or explosion hazards	None

SECTION VI. ACCIDENTAL RELEASE MEASURES**RELEASE OR SPILL:**

Prevent product from accessing sewer or other water sources. Neutralize retained product.

Wash neutralized product to sewer with large amounts of water in accordance with all local, state and federal regulations.

SECTION VII. HANDLING AND STORAGE

Empty containers retain product residue which should be treated in accordance with all precautions on this data sheet.
KEEP AWAY FROM CHILDREN FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY FOR USE BY TRAINED PERSONNEL ONLY KEEP CONTAINER CLOSED DURING STORAGE.
 KEEP CONTAINER CLOSED DURING STORAGE
 KEEP FROM FREEZING
 STORE BETWEEN 40°F AND 100°F

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS	Impervious waterproof gloves recommended.
RESPIRATORY	None normally required
EYES	Use of safety glasses or chemical splash goggles recommended.
ENGINEERING CONTROLS	Provide local exhaust.
OTHER PROTECTIVE EQUIPMENT	Impervious clothing and boots recommended

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM	Liquid
COLOR	Yellow-green liquid
BOILING POINT	> 250 °F
SPECIFIC GRAVITY	1.01 ± 0.05
EVAPORATION RATE (Butyl acetate = 1)	< 1
pH	10.8 ± 0.5
ODOR	Pine scent

SECTION X. STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY: None known
HAZARDOUS DECOMPOSITION PRODUCTS: None known
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION III. TOXICOLOGICAL INFORMATION*Effects of Short-Term (Acute) Exposure*

INHALATION: Concentrated vapors may cause irritation.
SKIN CONTACT: Concentrate may cause skin irritation, reddening, or dermatitis upon repeated contact.
EYE CONTACT: Concentrate is an eye irritant and may cause irritation, redness or tearing.
INGESTION: If swallowed, product may be irritating to the gastrointestinal system.

SECTION XII. ECOLOGICAL INFORMATION

No information provided.

SECTION XIII. DISPOSAL CONSIDERATIONS

Waste disposal: Dispose in accordance with local, state and federal environmental regulations.
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SECTION XIV. TRANSPORTATION INFORMATION

Transportation of Dangerous Goods Description: NOT REGULATED
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SECTION XV. REGULATORY INFORMATION

SARA TITLE III: Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: Ethylene glycol monobutyl ether 111-76-2
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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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