

MATERIAL SAFETY DATA SHEET

ALUMA WARE



SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Aluma Ware
GENERAL/GENERIC NAME:
PRODUCT USE: Aluminum Cleaner
EFFECTIVE DATE: October 6, 2011
VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
24 Ronson Drive, Unit 16
Etobicoke, Ontario M9W 1B4
613-996-6666
24 HOUR EMERGENCY NO.

SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	%W/W	TLV	CAS.NO	LD50
Potassium Hydroxide	1 - 5	2 mg/m3	1310-58-3	365 mg/kg (oral/rat)
Sodium silicate	10 - 20	ND	6834-92-0	ND

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry:

Skin Contact: May cause irritation.

Eye Contact: May cause transient irritation.

Inhalation: Mist may cause irritation of the respiratory tract.

Ingestion: May cause irritation to digestive tract.

Effects of Acute Exposure: (see section 11 for Toxicological information).

SECTION 4 – FIRST AID

Eyes: Flush with running water for at least 15 minutes while holding eyelids open. Get medical attention.

Skin Contact: Flush contaminated skin with plenty of soap and water. Remove contaminated clothing. Launder contaminated clothing thoroughly before re-use. Seek medical attention if skin is burned or symptoms continue.

Inhalation: Remove victim to fresh air. Aid in breathing if necessary. If breathing stops, administer artificial respiration. Seek medical attention

Ingestion: Give plenty of water to drink to dilute stomach contents. **Do not induce vomiting.** Seek immediate medical attention.

Note to Physician: Risk of permanent corneal injury and possible blindness if splashed into eyes.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: None
FLAMMABLE LIMITS: NA
AUTO-IGNITION TEMP: NA
EXTINGUISHING MEDIA: NA
SPECIAL FIREFIGHTING PROCEDURES: Wear self contained breathing apparatus in confined areas or when exposed to combustion products.
EXPLOSION DATA: NA
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak/Spill: Contain spills; absorb onto inert material.

SECTION 7 – HANDLING AND STORAGE

Handling Procedures: Avoid all skin contact. Ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid contact with eyes, skin or clothing. . Keep container closed when not in use.

Storage Procedures: Keep from freezing. Keep containers closed when not in use.

MATERIAL SAFETY DATA SHEET

ALUMA WARE

SECTION 8 – EXPOSURE CONTROLS

PROTECTIVE EQUIPMENT TO BE USED:

RESPIRATORY PROTECTION: Not required under adequate ventilation.
VENTILATION: General ventilation adequate.
PROTECTIVE GLOVES: Rubber
EYE PROTECTION: Safety goggles
OTHER PROTECTIVE MEASURES:

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE AND ODOUR: Clear amber liquid, odorless
ODOUR THRESHOLD: NA
SPECIFIC GRAVITY: 1.20
VAPOUR PRESSURE: NA
VAPOUR DENSITY: NA
PH: 12 - 14
EVAPORATION RATE: NA
INITIAL BOILING POINT: 100°C
WATER SOLUBILITY: Complete
FREEZING POINT: -5°C

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY: Acids
HAZARDOUS DECOMPOSITION PRODUCTS: NA
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Concentrate contact with soft metals will create hydrogen evolution.

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: ND
EFFECTS OF ACCUTE EXPOSURE:
SKIN CONTACT: May cause damage if not promptly treated.
EYE CONTACT: May cause irritation.
INHALATION: May cause irritation of the respiratory tract.
INGESTION: May cause irritation to digestive tract.
EFFECT OF CHRONIC EXPOSURE: None known
IRRITANCY OF PRODUCT: Serious
CARCINOGENICITY: ND
SENSITIZATION TO MATERIAL: ND
REPRODUCTION TOXICITY: ND
TERATOGENICITY: ND
MUTAGENICITY: ND

SECTION 12 – ECOLOGICAL CONSIDERATION

No permanent effects on ecosystems.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal: In accordance with federal, provincial or local government requirements.

MATERIAL SAFETY DATA SHEET

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SECTION 14 – TRANSPORT INFORMATION

TDG Classification: Corrosive Liquid, Basic Inorganic, N.O.S. (Potassium Hydroxide)
Class 8 UN 3266 PG III

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: D2B, E

SECTION 16 – OTHER INFORMATION

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