



MATERIAL SAFETY DATA SHEET

FRYSOL

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Frysol
GENERAL/GENERIC NAME:
PRODUCT USE: Fryer and grill cleaner
EFFECTIVE DATE: August 21, 2014
VENDOR NAME AND ADDRESS: Alpine Specialty Chemicals Ltd.
9 City View Drive, Etobicoke, Ontario M9W 5A5
24 HOUR EMERGENCY NO. 613-996-666

SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	%W/W	CAS.NO	TLV	LD50 / LC50
Sodium Carbonate	10 – 15	497-19-8	None	LD50 4000 mg/kg (oral/rat)
Sodium Metasilicate	75 - 90	6834-92-0	None	LD50 1280 mg/kg (oral/rat)
Nitrilotiacetic acid trisodium salt 1 - 5		139-13-9	ND	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. Effects may be delayed for a few hours and aggravated by physical exertion.

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

Note to Physician: Risk of temporary irritation if splashed into eyes.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: ND
FLAMMABLE LIMITS: ND
AUTO-IGNITION TEMP: ND
EXTINGUISHING MEDIA: ND
SPECIAL FIREFIGHTING PROCEDURES:
EXPLOSION DATA: ND
HAZARDOUS COMBUSTION PRODUCTS: Not known

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

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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.

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: ND

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Solid

APPEARANCE AND ODOUR: Free flowing white powder

ODOUR THRESHOLD: ND

SPECIFIC GRAVITY: 1.1

VAPOUR PRESSURE: ND

VAPOUR DENSITY: ND

PH: (1%) 12.7

EVAPORATION RATE: ND

INITIAL BOILING POINT: ND

WATER SOLUBILITY: Complete

FREEZING POINT: ND

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: Acids

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Generates heat when mixed with acid. May react with ammonium salt solutions resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminium, tin, lead, and zinc.

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: ND

EFFECTS OF ACCUTE EXPOSURE:

SKIN CONTACT: Corrosive. Causes irritation.

EYE CONTACT: Corrosive. Causes damage if not treated promptly.

INHALATION: Corrosive. Breathing dust may cause irritation of the respiratory tract.

INGESTION: Corrosive. Causes irritation to digestive tract.

EFFECT OF CHRONIC EXPOSURE: Prolonged and repeated exposure to its dilutions may cause Irritation, redness, pain, drying and cracking of skin.

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.

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SECTION 13 – DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORT INFORMATION

TDG Classification: Corrosive Solid, Basic, Inorganic N.O.S. (Disodium Trioxosilicate)
Class 8 UN 3262 Packing Group III

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: D2B,E

SECTION 16 – OTHER INFORMATION

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