



MATERIAL SAFETY DATA SHEET

COGENT

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Cogent
GENERAL/GENERIC NAME:
PRODUCT USE: Mechanical dishwashing compound
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. 613-996-6666

SECTION 2 – COMPOSITION / INFORMATION INGREDIENTS

INGREDIENT	%W/W	TLV	CAS.NO	LD50 / LC50
Sodium Hydroxide	5 - 10	2 mg/m ³	1310-73-2	LD50 365 mg/kg (oral/rat)
Nitilotriaceticacid sodium salt	5 – 10	ND	139-13-9	ND

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry:

Skin Contact: Causes burns.

Eye Contact: Causes burns.

Inhalation: Mist causes burns of the respiratory tract.

Ingestion: Causes burns 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 corneal injury and possible blindness if splashed into eyes.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: NA
FLAMMABLE LIMITS: NA
AUTO-IGNITION TEMP: NA
EXTINGUISHING MEDIA: NA
SPECIAL FIREFIGHTING PROCEDURES: None
EXPLOSION DATA: NA
HAZARDOUS COMBUSTION PRODUCTS: None

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.

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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: Long sleeved shirt

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE AND ODOUR: Clear Red Liquid
ODOUR THRESHOLD: ND
SPECIFIC GRAVITY: 1.16
VAPOUR PRESSURE: ND
VAPOUR DENSITY: ND
PH: (1%) 13
EVAPORATION RATE: ND
INITIAL BOILING POINT: 100°C approximately
WATER SOLUBILITY: Complete
FREEZING POINT: 0°C

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY: Strong acids and soft metals.
HAZARDOUS DECOMPOSITION PRODUCTS: ND
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: Contact with strong acids will generate heat. Contact with soft metals will generate flammable hydrogen gas.

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE: ND
EFFECTS OF ACCUTE EXPOSURE:
SKIN CONTACT: Corrosive. Causes irritation.
EYE CONTACT: Corrosive. Causes permanent damage if not treated properly.
INHALATION: Corrosive. Breathing mist or spray may cause irritation of the respiratory tract.
INGESTION: Corrosive. Causes irritation to digestive tract.
EFFECT OF CHRONIC EXPOSURE:
IRRITANCY OF PRODUCT: Moderate
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

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Waste Disposal: In accordance with federal, provincial or local government requirements. Contact a waste disposal firm for advice. Empty containers should be rinsed with water prior to disposal.

SECTION 14 – TRANSPORT INFORMATION

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

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: D2B, E

SECTION 16 – OTHER INFORMATION

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