

MATERIAL SAFETY DATA SHEET CHALLENGE



SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Challenge
GENERAL/GENERIC NAME:
PRODUCT USE: Germicidal Detergent
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 / LC50
None under WHMIS				

SECTION 3 – HAZARDS IDENTIFICATION

Route of Entry:

Skin Contact: May cause irritation.

Eye Contact: Causes 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 water. Remove contaminated clothing. Launder contaminated clothing thoroughly before re-use.

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.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: None
FLAMMABLE LIMITS: ND
AUTO-IGNITION TEMP: ND
EXTINGUISHING MEDIA: None
SPECIAL FIREFIGHTING PROCEDURES: None
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 contact with eyes 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.
VENTILATION: General ventilation adequate.
PROTECTIVE GLOVES: Not required
EYE PROTECTION: Not required
OTHER PROTECTIVE MEASURES: Not required

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE AND ODOUR: Clear liquid pleasant odor.
ODOUR THRESHOLD: ND
SPECIFIC GRAVITY: 1.06
VAPOUR PRESSURE: ND
VAPOUR DENSITY: ND
PH: 9.8
EVAPORATION RATE: ND
INITIAL BOILING POINT: 100°C approximately
WATER SOLUBILITY: Complete
FREEZING POINT: 0°C

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: Stable
INCOMPATIBILITY: None known
HAZARDOUS DECOMPOSITION PRODUCTS: None
HAZARDOUS POLYMERIZATION: None
CONDITIONS TO AVOID: NA

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE:
EFFECTS OF ACCUTE EXPOSURE:
SKIN CONTACT: NA
EYE CONTACT: Causes irritation
INHALATION: Not expected.
INGESTION: May cause irritation to digestive tract.
EFFECT OF CHRONIC EXPOSURE: None
IRRITANCY OF PRODUCT: Minimal
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.

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SECTION 14 – TRANSPORT INFORMATION

TDG Classification: Not Regulated

SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: Not Regulated

SECTION 16 – OTHER INFORMATION

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