



MATERIAL SAFETY DATA SHEET

CITRUS

SECTION 1 – CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Citrus
GENERAL/Generic NAME:
PRODUCT USE: General purpose cleaner degreaser
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	CAS.NO	TLV	LD50 / LC50
Sodium Silicate	1 – 5	6834-92-0	ND	ND
Sodium Carbonate	1 – 5	497-19-8	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 injury if splashed into eyes.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT: ND
FLAMMABLE LIMITS: ND
AUTO-IGNITION TEMP: ND
EXTINGUISHING MEDIA: As for surrounding fire.
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.
EXPLOSION DATA: ND
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.

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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 or neoprene
EYE PROTECTION:	Safety glasses
OTHER PROTECTIVE MEASURES:	ND

SECTION 9 – PHYSICAL PROPERTIES

PHYSICAL STATE:	Liquid
APPEARANCE AND ODOUR:	Clear fluorescent orange liquid, citrus odour
ODOUR THRESHOLD:	ND
SPECIFIC GRAVITY:	1.06
VAPOUR PRESSURE:	ND
VAPOUR DENSITY:	ND
PH:	12.7
EVAPORATION RATE:	ND
INITIAL BOILING POINT:	100°C approximately
WATER SOLUBILITY:	Complete
FREEZING POINT:	0°C approximately

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:	Stable
INCOMPATIBILITY:	ND
HAZARDOUS DECOMPOSITION PRODUCTS:	ND
HAZARDOUS POLYMERIZATION:	ND
CONDITIONS TO AVOID:	ND

SECTION 11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE:	ND
EFFECTS OF ACCUTE EXPOSURE:	Hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant), of ingestion, of inhalation,
SKIN CONTACT:	May cause irritation to sensitive skin.
EYE CONTACT:	May cause irritation.
INHALATION:	May cause irritation.
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.

SECTION 14 – TRANSPORT INFORMATION

TDG Classification: Not Regulated

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SECTION 15 – REGULATORY INFORMATION

WHMIS Classification: D2B

SECTION 16 – OTHER INFORMATION

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