



MATERIAL SAFETY DATA SHEET (MSDS)

Complex Orange

Citrus liquid degreaser

Degreasers



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Complex Orange		Citrus liquid degreaser		D2B, E	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name		Cas Registry No.	%	Toxicity	
Sodium Metasilicate		6834-92-0	1-5	LD ₅₀ ORAL (RAT) 622 mg/kg	
Alcohol Ethoxylate		68131-39-5	1-5	LD ₅₀ ORAL (RAT) >2000 mg/kg	
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Clear orange liquid	Orange	12.5	100 °C	1.0	100 %
SECTION IV ▶ FIRE AND EXPLOSION HAZARD DATA					
Flash Point (°C): None			Extinguishing media: Not Applicable		
Special fire fighting procedures: None					
Unusual fire and explosion hazards: None					
SECTION V ▶ TOXICOLOGICAL PROPERTIES					
HAZARD RATING: Health = 2 Flammability = 0 Reactivity = 1					Rating System 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme
Swallowing: Slightly to Moderately Toxic					
Inhalation: No Effect Expected					
Skin Absorption: Unknown					
Skin Contact: Slight to moderate Irritant					
Eye Contact: Moderate Irritant					
Special Warning: None					
SECTION VI ▶ FIRST AID MEASURES					
Ingestion: Do not induce vomiting. Drink 3-4 glasses of milk or water. Call a physician immediately.					
Inhalation: Remove to fresh air.					
Skin: Flush with water for 15 minutes. If irritation persists, call a physician.					
Eyes: Flush with water for at least 15 minutes. Call a physician immediately.					
SECTION VII ▶ REACTIVITY DATA					
Stable: Yes					
Conditions to avoid: None					
Incompatibility with other materials: Strong acids					
Hazardous decomposition products: None					
Hazardous polymerization: Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
Hand protection: Yes					
Eye protection: Yes					
Ventilation: General					
Respiratory protection: None					
Other protective equipment: In case of spills, wear chemical resistant apron and boots.					
Steps to be taken in case material is released or spilled: Mop up spillage. Rinse spill area with water and allow to dry.					
Waste disposal method: Flush with water into waste systems in accordance with municipal, provincial and federal regulations.					
Precautions to be taken in handling and storage: Normal handling processes. Inside storage at 4-40 °C recommended.					
Other precautions: Follow label use instructions.					
UN: 1760		TDG Class: 8		Packing Group: III	
TDG Emergency Telephone Number: 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPERATION DATA					
Prepared by: D.R. Dunlop			Last updated: October 15, 2009		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Complex Orange

Citrus liquid degreaser

“Solvent free degreaser cleaner quickly emulsifies and removes the toughest dirt and soils.”

FEATURES AND BENEFITS

Superior Degreasing: Highly effective degreaser for all dirt and soils.

Solvent, VOC & APE Free: An environmentally responsible degreaser.

Buffered pH: Continuous high performance cleaning.

Pleasant Fragrance: Fresh orange scent.

Versatile: Use with mop, sponge, cloth or pressure washer.

Water Soluble: Mixes easily with water.

WHERE TO USE

Can be used wherever conventional degreasers have been used in the past such as warehouse, print shops, garages, machine shops and washrooms.

HOW TO USE

Recommended Dilution Rates:

Light Duty Cleaning 1:80

Normal Cleaning 1:30

Heavy Duty Cleaning 1:15

Note: Adjust rates to suit your cleaning needs.

May be applied using a mop, sponge, cloth, trigger sprayer or pressure washer. Rinse as required with potable water.

SPECIFICATIONS

Appearance: Clear orange liquid

Fragrance: Orange

Viscosity: As water

pH (conc.): 12.5

pH (1%): 10.6

Solvent: None

Phosphate: None

WHMIS: Yes

TDG: Yes

CFIA approval: Yes