



MATERIAL SAFETY DATA SHEET (MSDS)

Resolve Liquid Cleaner/Degreaser

Degreasers



SECTION I ▶ PRODUCT IDENTIFICATION					
Product Name		Product Type		WHMIS Classification	
Resolve		Liquid Cleaner/Degreaser		D2B, E	
SECTION II ▶ HAZARDOUS INGREDIENTS					
Chemical Name	Cas Registry No.	%	Toxicity		
Alcohol Ethoxylate	68131-39-5	1-5	LD ₅₀ ORAL (RAT) 2140 mg/kg		
Propylene Glycol n-butyl Ether	5131-66-8	1-5	LD ₅₀ ORAL (RAT) 2200 mg/kg		
Dipropylene Glycol Methyl Ether	34590-94-8	1-5	LD ₅₀ ORAL (RAT) 5430 mg/kg		
Trisodium Phosphate	10101-89-0	1-5	LD ₅₀ ORAL (RAT) 2140 mg/kg		
SECTION III ▶ PHYSICAL DATA					
Appearance	Odour	pH	Boiling Point	Specific Gravity	Solubility in Water
Clear mauve liquid	Solvent	12.0	100 °C	1.0	Miscible
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 Toxic					
Inhalation: Slight Irritant					
Skin Absorption: Unknown					
Skin Contact: Slight to Moderate Irritant					
Eye Contact: 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. Call a physician.					
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, oxidizing agents					
Hazardous decomposition products: None					
Hazardous polymerization: Will not occur.					
SECTION VIII ▶ PREVENTIVE MEASURES					
Hand protection: Yes (Wear chemical resistant gloves)					
Eye protection: Yes (Wear safety glasses with side shields)					
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: Not Applicable		TDG Class: None		Packing Group: Not Applicable	
TDG Emergency Telephone Number: 613-996-6666 (COLLECT)					
SECTION IX ▶ PREPERATION DATA					
Prepared by: D.R. Dunlop			Last updated: August 1, 2012		
Location: Dustbane Products Limited, 25 Pickering Place, Ottawa, Ontario, K1G 5P4 – 613-745-6861					

Resolve

Liquid Cleaner/Degreaser

"An A.P.E. and butyl-free cleaner and degreaser recommended for use on any washable surface where dirt, grease and oily residue become a problem."

FEATURES AND BENEFITS

Alkaline pH: Quickly cuts through and emulsifies grease and oil.

Buffered pH: Continuous high performance cleaning.

Contains Safe Solvents: Removes both water and petroleum based spots and stains.

Hard Water Stable: No loss of performance in hard water.

Easy to Rinse: Fast rinsing with hot or cold water, which speeds up the overall cleaning process.

Easy to Apply: Can be applied by mop, sponge, cloth, spray or dip methods.

WHERE TO USE

The rapid wetting and cleaning action makes it very versatile for spray application to remove tar, soils, greasy finger marks, ink and carbon smudges and as a spot cleaner for large area cleaning.

HOW TO USE

Recommended Dilution Rates:

Rapid Cleaning	Undiluted
Light Cleaning	1:80
Heavy Duty Cleaning	1:5
Painted Walls and Woodwork	1:20
Metal Surfaces	1:10

Note: Adjust rates to suit your cleaning needs.

Surfaces subject to direct food contact should be adequately rinsed with potable water. Suitable for food plant use.

SPECIFICATIONS

Appearance: Clear mauve liquid

Fragrance: Solvent

Viscosity: As water

pH (conc.): 12.0

pH (1%): 10.2

Solvent: Propylene glycol ether

Phosphate: Yes

WHMIS: Yes

TDG: No

CFIA Approval: Yes