



Spray Away

Liquid Car Wash Detergent

DESCRIPTION

SPRAYAWAY is a high strength, alkaline, foaming liquid detergent designed for touchless automatic car wash systems. It is applied at low pressure through the spray arch mechanism in a touchless car wash to penetrate the dirt and road film to be removed by the pressure rinse cycle of the wash.

DIRECTIONS

Apply **SPRAYAWAY** at a rate of 3 – 4% at 40 - 50°C in soft water conditions. A 30 second contact time is recommended for best results. Pressure rinse at 1000 p.s.i. or more with clean hot water. Hot or cold wax should be applied prior to drying.

PHYSICAL DATA

Appearance	Liquid
Color	Red
Odor	Cherry
Foam	High
pH	Alkaline

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **SPRAYAWAY**
Product Use: *Heavy Duty All Purpose Cleaner*
Maxim Chemical International Ltd.
1305 Halifax Street, Regina, SK S4R 1T9
Phone: (306) 347-0444

WHMIS CODE: D2B, E
Proper Shipping Name: N/A
Hazard Class: N/A
UN Number: N/A

EMERGENCY PHONE
Canada: Canutec 613-996-6666

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	TLV
ETHYLENE GLYCOL MONOBUTYLETHER	111-76-2	5.0-10.0	25 ppm
LD50 (oral, rat):	470 mg/kg		
LD50 (dermal, rabbit):	220 mg/kg		
LC50 (mouse):	700 ppm		
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	1.5-5.0	
LD50 (oral, rat):	>500-5000 mg/kg		
LD50 (dermal, rabbit):	>200-20000 mg/kg		
LC50:	Not available		
SODIUM HYDROXIDE	1310-73-2	1.5-5.0	2 ppm
LD50 (oral, rat):	340 mg/kg		
LD50 (dermal):	1350 mg/kg		
LC50:	Not available		

SECTION 3 – PHYSICAL DATA

Color and Odor: Red liquid, mild odor
Boiling Point: N/D
Vapor Pressure: N/D
pH: 11.5 (3.1% solution)
Physical State: Liquid
Melting Point: N/D
Vapor Density: N/D
Specific Gravity: 13.3
Coeff. Water/Oil Dist: Greater than 1.0
Evaporation Rate: N/D
Solubility in Water: Soluble
Odor Threshold: N/D

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to boiling
Sensitivity to Mechanical Impact: None.
Conditions of Flammability: None known
Flammable Limits: None known.
Sensitivity to Static Discharge: None
Auto ignition Temperature: None known.
Extinguishing Media: Product not flammable, Use extinguishing media suitable for surrounding fires
Unusual Fire and Explosion Hazards: None
Hazardous Combustion Products: None
Special Fire Fighting: Wear NIOSH/MSHA approved, self contained breathing apparatus for fire fighting situations. Use water spray to cool all nearby fire exposed surfaces.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable
Hazardous Polymerization: Will not occur.
Incompatibility (material to avoid): Strong acids, strong oxidizing agent.
Hazardous Decomposition Products: Carbon dioxide oxides. Hydrogen may be liberated with metals like aluminum, zinc etc.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient.
Routes of Entry: Skin and eye contact, inhalation, skin absorption
Irritancy of Product: Corrosive to skin and eyes in concentrated form
Carcinogenicity: None known
Sensitization: None known.
Mutagenicity: None known.
Name of Toxicological Synergistic Product: None known
Reproductive Toxicity: None known.
Teratogenicity: None known.
Effects of Chronic Exposure: Prolonged and repeated exposure may cause skin irritation, dermatitis or damage, and respiratory disorder. May be harmful if absorbed through skin.
Effects of Acute Exposure to Product: May cause burns or damage to eyes and skin in concentrated form. Excessive inhalation of vapour may cause headache, nausea etc.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None required. If inhalation of concentrated product mist or spray is likely, use an approved dust/mist respirator.
Ventilation: Use with good general ventilation, or local exhaust ventilation for dust generated in confined areas.
Protective Gloves: Use rubber or plastic gloves when handling concentrated product.
Eye Protection: Chemical goggles, safety glasses or face shield.
Protective Clothing and Equipment: Long sleeves coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Store in a cool, dry place away from incompatible materials. Keep container closed when not in use. Do not mix with any other chemicals. Avoid contact with skin, eyes and clothing. Use good industrial hygiene. Store at temperatures below 30°C (86°F).
Disposal Procedures for Spills or Leaks: Wear protective equipment. Dike and contain large spills. Pump spill into an approved waster container. For small spills soak up with a suitable absorbent and scoop into an approved waste container.
Waste Disposal Method: Reuse if possible, or otherwise dispose recovered material in accordance with all local, provincial or federal regulations
Special Shipping Information: Store at temperatures below 30°C (86°F).

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:
If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division
PHONE: (306) 347-0444
LAST UPDATE: Jan. 6, 2015
THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE