
MATERIAL SAFETY DATA SHEET

1. PRODUCT AND PREPARATION INFORMATION

Manufacturer: Bloomco/Division of Double B
Automotive Warehousing Inc.
5035 North Service Rd., Unit B4
Burlington, Ontario, L7L 5V2, Canada
(905)3328070

Emergency telephone numbers: Bloomco 24 Hours: (800)667-9168

Product Name: BIG RED

Synonyms: Not Applicable

Chemical Family: Inorganic

Molecular Formula: Not Available

Product Use: Water Base General Purpose Cleaner

WHIMIS Classification: D1B, D2B

TDG Classification: Not Applicable

NFPA: 2 Health, 0 Fire, 0 Instability

Prepared by: Research and Development Department

Preparation Date: April 21, 2015

2. HAZARDOUS INGREDIENTS

Hazardous Ingredients	CAS Number	Wt. %	TLV ppm	LD/50 Oral – Rat	LC/50 Inhal – Rat, 4 hr
Nonylphenol Ethoxylate	9016-45-9	3-7	100	1310 mg/kg	Not Available
Coconut Diethanolamide	68603-42-9	1-5	Not Available	Not Available	Not Available
Butyl Carbitol	112-34-5	3-7	Not Available	2,000 mg/Kg	Not Available
Monoethanolamine	141-43-5	1-5	3	1515 mg/Kg	Not Available

3. PHYSICAL DATA

Physical State	Liquid
Appearance	Deep Red
Odour	Fresh Scent
Odour Threshold	Not Available
Boiling Point	100 deg. C
Melting/Freezing Point	Not Available
Vapour Density (Air = 1)	Not Available
Specific Gravity (g/cc)	1.04
Vapour Pressure (mm Hg)	Not Available
Evaporation Rate, n-Butyl Acetate = 1	Not Available
PH	11
Solubility in Water	Soluble

4. FIRE AND EXPLOSION DATA

Flammability Limits in Air (%):	Not Applicable
Extinguishing Media:	Use media appropriate for surrounding fire or materials.
Flash Point (TCC deg. C):	Not Available.
Autoignition Temperature (deg. C):	Not Available.
Hazardous Combustion Products:	Oxides of carbon, oxides of nitrogen, ammonia.
Sensitivity to Mechanical Impact:	Not available. Not expected to be sensitive to mechanical impact.
Rate of Burning:	Not available.
Explosive Power:	Not available.
Sensitivity to Static Discharge:	Not available. Not expected to be sensitive to static discharge.
Unusual Fire Hazard:	May produce flammable hydrogen gas on contact with aluminium, tin, lead and zinc

which could make an explosive mixture with air. Generates heat when mixed with acid.

5. REACTIVITY DATA

Chemical Stability:	Yes, under normal conditions.
Compatibility with Other Substances:	Not compatible with acids, oxidizers.
Hazardous Products of Decomposition:	Oxides of carbon, nitrogen, ammonia.
Hazardous Polymerisation:	Will not occur.

6. TOXICOLOGICAL PROPERTIES

Route of Entry:	
Skin Contact:	Yes
Skin Absorption:	Yes
Eye Contact:	Yes
Inhalation:	Yes
Ingestion:	Yes
Effects of Exposure:	Harmful if swallowed, effects may be delayed. Causes digestive system, skin and eye irritation. Product is irritating to the eyes, nose, throat and respiratory tract.
Carcinogenicity of material:	No information is available and no adverse Carcinogenic effects are anticipated.
Reproductive effects:	No information is available and no adverse Reproductive effects are anticipated.
Teratogenicity:	No information is available and no adverse Teratogenic effects are anticipated.
Mutagenicity:	No information is available and no adverse Mutagenic effects are anticipated.

7. PREVENTIVE MEASURES

Eye Protection:	Safety glasses are required. Contact lenses should not be worn when working with this material.
Skin Protection:	Protective gloves should be impervious under condition of use.
Respiratory Protection:	Wear a respirator if inadequate ventilation is

Other Personal Protective Equipment:	available. Locate safety showers and eyewash station close to chemical handling area.
Engineering Controls:	Use in well-ventilated area.
Leak/Spill Clean-Up Procedures:	Ventilate enclosed spaces. Absorb product with inert dry material and place in waste disposal container. Dispose of waste material at an approved hazardous waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations. Do not dispose of waste with normal garbage, or to sewer systems. Notify applicable government authority if release is reportable or could adversely affect the environment.
Storage Instructions:	Do not store in aluminium containers. Store in clean, cool well ventilated area away from strong acids. Protect from direct sunlight. Protect from physical damage.

8. FIRST-AID MEASURES

In case of eye contact, immediately flush eyes with running water for a minimum of 15 minutes. Hold eyelids open during flushing. Get medical attention IMMEDIATELY. For skin, remove contaminated clothing, wash effected areas thoroughly with soap and water. Get medical attention IMMEDIATELY. If affected by inhalation of vapour or spray mist, move to fresh air. Obtain medical attention. In case of ingestion do not attempt to give anything by mouth to unconscious person. IMMEDIATELY contact local Poison Control Centre. If victim is alert and not convulsing, rinse mouth out and give 1-2 glasses of milk. Water may be used but it is not as effective. IMMEDIATELY transport victim to an emergency facility.

9. OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. **This MSDS is valid for three years.**

The information contained herein is based on data considered accurate. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Bloomco assumes no responsibility for personal injury or property damage to vendees or users or third parties, caused by the material. Such vendees or users assume all risks with the use of the material.

Signature of Preparer:
Phone Number:

R& D Department
1-800-667-9168