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In case of **emergency or spill**, contact CHEMTREC at 800-424-9300

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name: D140 - Detailer Wheel Brightener

Print date: 09/17/2008

Reference Number: DX-9D

Prepared Date: 01/16/2008

Use of the Substance/Preparation

Recommended use: Wheel Cleaner

Company/Undertaking Identification

Meguiar's Holland

Laan der Verenigde Naties 40
 33174 DA Dordrecht
 Holland
 Tel: 31-78-6210268

Meguiar's Hong Kong

Suite 6-7, 20/F Marina House
 68 Hing Man Street
 Shaukeiwan
 Hong Kong
 Tel: 852-2967-0202

Meguiar's France

3 rue de Verdun - Bât. D
 78590 Noisy Le Roi
 France
 Tel: 33-1-30-80-02-16

Meguiar's UK Ltd.

3 Lamport Court
 Heartlands
 Daventry NN11 8UF
 Tel: 0870 241 6696
 Fax: 01327 300 116

2. HAZARDS IDENTIFICATION

Most important hazards:

This product is for use by professional car washes and detailers only and is NOT intended for home use.. Harmful if swallowed. Harmful; may cause lung damage. Corrosive. This product contains chemicals listed on Canada WHMIS. See Section 15.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients

Components	CAS #	% Weight	OSHA PEL TWA	EINECS No.	Classification
Ammonium Biflouride	1341-49-7	10-15	None	215-676-4	C;R34 T;R25
Quaternary Ammonium Chloride	61791-10-4	1-10	None	---	Xn; R22
Nonylphenol Glycol Ether	127087-87-0	1-10	None	---	---
Sodium Metasilicate	6834-92-0	<1%	None	229-912-9	C; R34 Xi; R37

4. FIRST AID MEASURES

General Advice:

Keep under medical supervision for at least 48 hours. Call a physician immediately.

Inhalation:	If inhaled, move to fresh air. Consult a physician.
Skin contact:	Remove and wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Eye contact:	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion:	Drink plenty of water. Do not induce vomiting. Possible aspiration hazard. Consult a physician.

5. FIRE-FIGHTING MEASURES

NFPA:

Health: 3

Flammability: 0

Reactivity: 0

Suitable extinguishing media:

Use dry chemical, CO₂, water spray or alcohol-resistant foam.

Specific hazards:

Heating can release hazardous gases.

Special protective equipment for firefighters:

Standard procedure for chemical fires. In the event of fire and/or explosion do not breathe fumes. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons:

Not applicable

Specific methods:

Not applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes and clothing.

Environmental precautions: Do not contaminate surface water. Prevent further leakage or spillage. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up: Wear personal protective equipment. Clean-up methods - small spillage: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum.

7. HANDLING AND STORAGE

Handling:

Technical measures/precautions:

Use only in area well ventilated area

Safe handling advice:

Avoid contact with skin and eyes.

Storage:

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from direct sunlight. Do not freeze.

Incompatible products:

Do not store together with acids or oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:	Ensure adequate ventilation..
Respiratory protection:	In case of insufficient ventilation wear suitable respiratory equipment.
Skin and body protection:	Immediately remove contaminated clothing.
Eye protection:	Avoid contact with eyes. If splashes are likely to occur, wear:. Goggles.
Hand protection:	Preventative skin protection:. Neoprene Gloves..

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance: Liquid
Color: Purple

Physical state: Liquid
Odor: Mild

Important Health Safety and Environmental Information

pH @70° F:	5.5	
Flash point:	212 (°F), 100 (°C)	Method: PMCC-ASTM D93-90
Boiling point/range:	210 (°F), 99 (°C)	
Water Solubility:	Completely soluble	
Vapor density:	N/A	
Density:	1.04	
Evaporation rate:	Water	
VOC content:	<0.1%	
Specific gravity:	1.04	

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Polymerization:	None known
Conditions to avoid:	Extremes of temperature and direct sunlight Reacts to metals/glass to form hydrofluoric acid
Materials to avoid:	Strong acids,, Oxidizing agents, Strong alkalis
Hazardous decomposition products:	Organic acids

11. TOXICOLOGICAL INFORMATION

Acute toxicity Not determined
Component Information

Additional Information: Corrosive. Swallowing will lead to strong irritating effect on mouth and throat and to the danger of perforation of esophagus and stomach.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product Information

Aquatic toxicity: No information available

Component Information

Ecotoxicity effects: The aqueous medium should be given appropriate treatment as waste water in line with local regulations.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

Contaminated packaging:

Disposal must be made according to local and federal regulations.

Ewc waste disposal no:

Not applicable

Further information

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific

14. TRANSPORT INFORMATION

General Transportation Statement

- DOT: Consumer Commodity ORM-D
- Over 1.3 gallon (5 liters) ships as: Corrosive Liquid, N.O.S. (ammonium bifluoride) Class 8, UN# 1760, PG III

UN-No: 1760

ADR/RID:

Proper shipping name: Corrosive Liquid, n.o.s. (ammonium bifluoride)

Class: 8

Packing group: III

Maritime transport IMDG:

Proper shipping name: Corrosive Liquid, n.o.s. (ammonium bifluoride)

Class: 8

Packing group: III

Air transport ICAO-TI and IATA-DGR:

Proper shipping name: Corrosive Liquid, n.o.s. (ammonium bifluoride)

Class: 8

Packing group: III

Other information:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

15. REGULATORY INFORMATION

Components	TSCA	DSL/NDSL	Canada - WHMIS Classification
Ammonium Bifluoride 1341-49-7	Present	Present	E; D2B
Quaternary Ammonium Chloride 61791-10-4	XU	Present	

CERCLA/SARA 313 Emission reporting

None

16. OTHER INFORMATION

Prepared by:

Health & Safety

Literary reference:

None

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist

End of Safety Data Sheet