

MATERIAL SAFETY DATA SHEET

MSDS

Orange Blast All Wheel Cleaner

Date-Issued: 03/24/2004
MSDS Ref. No: HGRL112OAW
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Revision No: 1

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Orange Blast All Wheel Cleaner
GENERAL USE: Automotive Multipurpose Cleaner & Degreaser

MANUFACTURER

HomeCare Labs, Inc.
P.O. Box 491150
Lawrenceville, GA 30049
Customer SERVICE: (800)448-5281

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800 - 5553
CHEMTREC (US Transportation) : (800) 424 - 9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS#</u>	<u>Wt.%</u>
Oxalic acid	144-62-7	<4
Nonylphenol ethoxylate	9016-45-9	<1
Ammonium bifluoride	1341-49-7	<1

COMMENTS: Contains < 0.5% elemental fluoride

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

PHYSICAL APPEARANCE: Clear, orange liquid with a orange citrus odor.

IMMEDIATE CONCERNS: DANGER: Corrosive. May cause burns to eyes and skin. Harmful if swallowed. Use with adequate ventilation. Wear gloves and eye protection. Avoid contact with eyes, skin or mucous membranes. Wash hands thoroughly after use.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye burns. Do not get in eyes.

SKIN: May cause skin burns. Do not get on skin.

INGESTION: Harmful if swallowed.

INHALATION: May be irritating to nose and throat. Avoid breathing vapors.

CHRONIC: There are no known chronic hazards.

ROUTES OF ENTRY: Skin Contact, Inhalation, Ingestion, Eye Contact.

4. FIRST AID MEASURES

EYES: If contact with eye occurs: Flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation persists.

SKIN: If on skin: Flush with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

INGESTION: If ingested: Do not induce vomiting. Drink several glasses of water and get immediate medical attention.

INHALATION: If inhaled: Move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call poison control center or doctor for treatment advice.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: >(212°F)

GENERAL HAZARD: There are no unusual fire and explosion hazards known.

EXTINGUISHING MEDIA: Use water spray, dry chemicals, foam or carbon dioxide. Do not flush into a storm drain or public sewer.

HAZARDOUS COMBUSTION PRODUCTS: Combustion products may include, but are not limited to, carbon monoxide, carbon dioxide, and oxygen.

EXPLOSION HAZARDS: This product does not pose an immediate explosion hazard.

FIRE FIGHTING PROCEDURES: Do not direct a solid stream of water or foam into hot, burning pools; this may cause frothing and increase fire intensity. Use self-contained breathing apparatus (SCBA) and proper personal protection clothing.

6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES: STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills may be mopped up or flushed away with water. Otherwise, cover the liquid with an inert absorbent, and scoop up all spilled material & absorbent and place into clean dry plastic containers for disposal. Dispose of according to local, state and federal regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin or clothing. Avoid breathing vapors.

HANDLING: Mix only with water. Do not mix with other chemicals.

STORAGE: Keep this product in original tightly closed container when not in use. Store in a cool, dry, well ventilated area. Do not reuse container, but place in trash collection.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		<u>EXPOSURE LIMITS</u>					
		<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>SUPPLIER OEL</u>	
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
Nonylphenol ethoxylate	TWA	N/E ^[1]		N/E			
Ammonium bifluoride	TWA		2.5		2.5		

OSHA TABLE COMMENTS:

1. N/E = Not Established

ENGINEERING CONTROLS: General room ventilation plus local exhaust should be used to minimize exposure to vapors.

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Use of safety glasses with side shields is recommended.

SKIN: Household gloves are recommended.

RESPIRATORY: Respirator protection is not normally required under routine use conditions. If product is used in an area with poor ventilation and mist or vapor is expected, a respirator that meets OSHA/ANSI standards may be required.

PROTECTIVE CLOTHING: Remove and wash contaminated clothing before reuse.

WORK HYGIENIC PRACTICES: Wash hands thoroughly with soap and water after handling.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Orange, Citrus

APPEARANCE: Clear

COLOR: Orange

pH: 3 to 4

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Heavier than air.

BOILING POINT: >(212°F)

FREEZING POINT: Not Established

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: Equal to water

SPECIFIC GRAVITY: 8.40 lbs/gal

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: None known.

STABILITY: This product is stable under normal conditions.

POLYMERIZATION: Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This product may cause eye burns.

SKIN EFFECTS: This product may cause skin burns.

SENSITIZATION: This product is not expected to be a skin sensitizer.

CARCINOGENICITY:

The components of this product are not listed as a carcinogen by IARC.

The components of this product are not listed as a carcinogen by NTP.

The components of this product are not listed as a carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data available on product.

13. DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL: Disposal of unused, uncontaminated product is regulated according to local, state, and federal regulations.

EMPTY CONTAINER: Do not reuse empty container. Discard in trash.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated as a DOT Hazardous Material

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: YES CHRONIC: NO

313 REPORTABLE INGREDIENTS: This product or its components are not listed.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This product contains ammonium bifluoride, which is listed as a CERCLA Hazardous Substance.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: TSCA (Toxic Substances Control Act): This product or its components are listed on the TSCA Inventory. This product or its components are not subject to export notification.

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT): This product is not a US EPA registered pesticide.

16. OTHER INFORMATION

PREPARED BY: Regulatory Affairs Department

REVISION SUMMARY Revision #: 1 This MSDS replaces the March 31, 2004 MSDS. Any changes in information are as follows: In Section 1 MSDS Number

HMSIS RATING

HEALTH:		2
FLAMMABILITY:		0
PHYSICAL HAZARD:		0
PERSONAL PROTECTION:		B

NFPA RATING

HEALTH:		2
FIRE:		0
REACTIVITY:		0

Key

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal

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