

MATERIAL SAFETY DATA SHEET



Date Issued: 06/14/2000
MSDS No: 10005
Date-Revised: 08/16/2011
Revision No: 7

Motor Degreaser Concentrate

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Motor Degreaser Concentrate
GENERAL USE: Automotive reconditioning product
PRODUCT DESCRIPTION: Engine Degreaser
PRODUCT CODE: 5
PRODUCT FORMULATION NAME: Motor Degreaser Concentrate
GENERIC NAME: Engine Degreaser

MANUFACTURER

Auto Wax - An ITW Company
Auto Magic®
1275 Round Table Drive
Dallas, TX 75247

Product Stewardship: 1-800-826-0828

Transportation: 1-800-826-0828

Service Number: 1-214-631-4000

Auto Wax - An ITW Company
Auto Magic®

24 HR. EMERGENCY TELEPHONE NUMBERS

1-800-826-0828

COMMENTS: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200.

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: Corrosive to eyes and skin. High pH of this material makes it harmful to aquatic life.

POTENTIAL HEALTH EFFECTS

EYES: Can cause chemical burn.

SKIN: Causes skin burns.

INGESTION: Can burn mouth, throat and stomach.

INHALATION: Prolonged or excessive inhalation may cause respiratory tract irritation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Eye contact may cause redness, tearing and a burning sensation.

SKIN: Repeated or prolonged skin contact may cause redness and irritation.

INGESTION: Ingestion may cause nausea and irritation.

INHALATION: Prolonged inhalation of vapors may cause irritation to nasal and respiratory tract.

CHRONIC EFFECTS: not available

MEDICAL CONDITIONS AGGRAVATED: dermatitis may be aggravated by excessive exposure to skin.

ROUTES OF ENTRY: include skin contact, eye contact and ingestion

TARGET ORGAN STATEMENT: not available

HEALTH HAZARDS: Moderately irritating to the eyes.

PHYSICAL HAZARDS: combustible liquid

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS	EINECS	Classification
Disodium Metasilicate (sodium metasilicate)	5 - 10	6834-92-0	229-912-9	C/Xi; R34-37
Ethanolamine (Monoethanolamine)	1 - 3	141-43-5		
2-Butoxyethanol	5 - 10	111-76-2	203-905-0	Xn/Xi; R20/21/22-36/38

4. FIRST AID MEASURES

EYES: Flush eye with water for 15 minutes. Get medical attention.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

INHALATION: Move to fresh air

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: ~ 66°C (150°F) TCC

FLAMMABLE LIMITS: not available

Notes: not available

AUTOIGNITION TEMPERATURE: not available

GENERAL HAZARD: Combustible liquid. Keep away from heat and open flame.

EXTINGUISHING MEDIA: use water, foam, dry chemical or carbon dioxide extinguisher

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide and Carbon Dioxide

EXPLOSION HAZARDS: none expected

SENSITIVE TO STATIC DISCHARGE: not available

SENSITIVITY TO IMPACT: not available

HAZARDOUS DECOMPOSITION PRODUCTS: not available

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Contain and collect with absorbent

LARGE SPILL: LARGE SPILLS: Shut off leak if safe to do so. Contain material to avoid run off and collect spill with absorbent. Proper disposal of absorbent is required after use.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep out of reach of Children.

HANDLING: none

STORAGE: Do not allow to freeze

STORAGE TEMPERATURE: 0°C (32°F) Minimum to 60°C (140°F) Maximum

SHELF LIFE: one year

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Ethanolamine (Monoethanolamine)	TWA	3 ppm	6 mg/m ³	3 ppm	7.5 mg/m ³
	STEL		12 mg/m ³	6 ppm	15 mg/m ³
2-Butoxyethanol	TWA	50 ppm ^[1]	240 mg/m ³ ^[1]	25 ppm ^[1]	121 mg/m ³ ^[1]
	STEL	[1]	[1]	[1]	[1]
OSHA TABLE COMMENTS: 1. skin					

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or goggles.

SKIN: Use Nitrile/ Vinyl gloves

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)	Boiling Point (°C)	Specific Gravity
2-Butoxyethanol	141	171	0.9

ODOR: lemon odor

APPEARANCE: Clear Red Liquid

pH: > 11.5

FLASHPOINT AND METHOD: ~ 66°C (150°F) TCC

SOLUBILITY IN WATER: 100 %

SPECIFIC GRAVITY: ~ 1.050 gm/ml

(VOC): < 10.000 % by weight

10. STABILITY AND REACTIVITY

STABLE: Yes

CONDITIONS TO AVOID: None.

11. TOXICOLOGICAL INFORMATION**ACUTE**

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Disodium Metasilicate (sodium metasilicate)	> 0.622 g/Kg-rat		
2-Butoxyethanol	~ 0.47 g/Kg-rat	~ 0.22 g/kg - rabbit	> 700 ppm/4H- rat

CARCINOGENICITY

IARC: Listed by IARC- NO

NTP: Listed by NTP- NO

OSHA: Listed by OSHA- NO

SENSITIZATION: not established

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: not available

ECOTOXICOLOGICAL INFORMATION: not available

GENERAL COMMENTS: All ingredients are considered biodegradable.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with local, state, and federal laws.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: CAUSTIC ALKALI LIQUID, N.O.S. (disodium trioxosilicate, ethanolamine)

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN1719

PACKING GROUP: III

OTHER SHIPPING INFORMATION: Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All Ingredients are on the TSCA Inventory or are not required to be listed on the TSCA Inventory

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



Combustible Liquid



Corrosive

16. OTHER INFORMATION

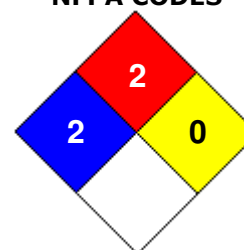
PREPARED BY: Tony Casmus

REVISION SUMMARY: Revision #: 7. This MSDS replaces the August 16, 2011 MSDS. , 24 Hour Emergency Phone Numbers

HMIS RATING

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

NFPA CODES



COMMENTS: The information in this MSDS was obtained from current and reputable sources. However, the data is provided without any warranty, express or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense resulting from improper use of this product.