

CYCLO AUTOMOTIVE

MATERIAL SAFETY DATA SHEET

1374 N. Killian Drive, Suite A, Lake Park, Florida 33403
Emergency Telephone Number: 219-295-0000, after 5 pm 219-295-1020

This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets, and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations. Also make this information available to any employee who requests it.

If Cyclo Automotive considers the formula of this product to be a trade secret, the exact chemical names of the ingredient(s) and the percentages in which they are combined will not appear in the body of this sheet. The exact composition is available upon request to physicians, industrial hygienists and other health professionals.

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: C-10/C-12 Breakaway Common Code #: 90-1057
Chemical Name: NA
Hazardous Material Description: Consumer Commodity ORM-D
Additional Hazard Classes: NA

SECTION 2 - PHYSICAL DATA

Boiling Point: 266°F Specific Gravity: 0.896
Vapor Pressure: ND Vapor Density: >air
Percent Volatile By Volume (%): 96%
Percent Solids By Weight (%): 4%
Solubility in Water: Slightly pH: NA
Evaporation Rate (n-butyl acetate = 1): >1
Appearance and Odor: Amber, brown liquid, light viscosity, pungent odor

C10, C12

 SECTION 3 - HAZARDOUS INGREDIENTS

CAS Reg #	Material	%	PEL
108-94-1	Cyclohexanone	<10	50 ppm
7727-73-3	Sodium sulfonate	<5	ND
8012-95-1	Paraffin Oil	<90	5 mg/m ³ (oil mist,mineral)
74-98-6	Propane	<10	1000 ppm
75-28-5	Isobutane	<10	ND

 SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash point: 116°F Method Used: C.O.C.

Flammable limits:
 LEL: 1.1 UEL: 9.4

Extinguishing Media: Foam,carbon dioxide,dry chemical

Special Fire Fighting Procedures: self contained breathing apparatus recommended. Caution: direct water jet will spread burning material.

Unusual Fire and Explosion Hazards: Prolonged exposure to temperatures above 130°F may cause cans to burst.

 SECTION 5 - HEALTH HAZARD DATA

Effects of Overexposure:

Ingestion: Nausea,sickness. Could be harmful or fatal.

Inhalation: May cause breathing difficulties.

Skin Contact: Prolonged contact may cause irritation.

Eye Contact: May be irritating.

Threshold Limit Value: (Estimated) 1525 ppm

First Aid Procedures:

Ingestion: Do not induce vomiting. Contact physician immediately.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air. Administer oxygen if necessary.

Eye Contact: Flush with excess water for 15 minutes. Consult physician if irritation persists.

SECTION 6 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: none known

Incompatibility (materials to avoid): strong oxidizers, acids and bases

Hazardous Decomposition Products: oxides of carbon and sulfur upon incomplete combustion.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: none known

SECTION 7 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Above TLV - use NIOSH/MESA approved respirator for organic vapors.

Ventilation: Local exhaust is recommended.

Protective Gloves: none Eye Protection: Safety glasses.

Other Protective Equipment: As needed to eliminate skin contact.

SECTION 8 - SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled: Blot with absorbent material. Discard in trash properly. Flush with IPA, rinse with soap and water.

Waste Disposal Method: Waste must be disposed of according to Local, State and Federal regulations.

CERCLA (Superfund) Reportable Quantity (in lbs): NA

RCRA Hazardous Waste No (40 CFR 261.33): NA

Volatile Organic Compound (VOC) (as packaged minus water): cyclohexanone sodium sulfonate, propane

SECTION 9 - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Contents under pressure Do not store above 130°F or near heat, sparks, or open flame.

Other precautions: Keep this and all chemicals out of the reach of children.

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Signature: *Douglas J. Steinke*

Title: Research and Development Manager

Date: 5-8-89

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