



HEALTH	2
FLAMMABILITY	4
REACTIVITY	0

MATERIAL SAFETY DATA SHEET

Prepared by Duro Dyne April 7, 2010

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name: THE ECO STRIPPER
Supplier Details: DURO DYNE CORPORATION
81 Spence Street
Bay Shore, NY 11706

Information

Phone No: 800-899-3876
Emergency Phone No: 800-424-9300 (CHEMTREC)

2. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WT% LESS THAN	ACGIH TLV TWA	ACGIH TLV STEL	OSHA PEL TWA	OSHA PEL CEILING	COMPANY TLV TWA	SKIN
ISOBUTANE	75-28-5	10.0%	N/E	N/E	N/E	N/E	1000PPM	NO
PROPANE	74-98-6	10.0%	2500PPM	N/E	1000PPM	N/E	N/E	NO

3. HAZARDS IDENTIFICATIONS

EMERGENCY OVERVIEW:

Keep from reach of children. Do not puncture, incinerate, or place aerosol product containers in compactors. Containers of this material may be hazardous when emptied since containers retain product residues (vapor, liquid, and or solid). All hazard precautions given must be observed. Do not flame cut, braze or use welding torch. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

Primary Route(s) of Entry:

Skin contact, inhalation, eye contact.

Effects of Overexposure:

Eye Contact:

Can cause severe irritation, redness, tearing, blurred vision.

Skin Contact:

Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

Inhalation:

Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, even asphyxiation.

Ingestion:

No information.

Chronic Hazards:

No information.

4. FIRST AID AND EMERGENCY MEASURES

Eye Contact:	Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention.
Skin Contact:	Thoroughly wash exposed area with soap and water. Remove contaminated clothing and launder before re-use.
Inhalation:	Remove individual to fresh air. If breathing is difficult, administer oxygen. Give artificial respiration if breathing has stopped. Keep person warm and quiet. Get medical attention immediately.
Ingestion:	Do not induce vomiting. Give two (2) glasses of water if conscious. Never give anything by mouth to an unconscious person. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Auto ignition:	Not determined.
Flash Point:	-156° F C.C.
Extinguishing Media:	CO ₂ , dry chemical, foam, water fog.
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus with a full face-piece operated in pressure demand or other positive pressure mode when fighting fires. Keep fire exposed containers cool with water fog.
Unusual Fire & Explosion Hazards:	Vapors are heavier than air and travel along the ground or may be moved by ventilation and ignited by ignition sources at locations distant from material handling point. For aerosol products, exposure to temperatures over 130°F may cause containers to burst releasing highly flammable gas. As with all unsaturated fats and oils, some porous materials such as rags, paper, insulation, or organic clay when wetted with this product may undergo spontaneous combustion. Keep such wetted materials well ventilated to prevent possible heat buildup.
Lower Explosion Limit (%)	1.8%
Upper Explosion Limit (%)	9.5%

6. ACCIDENTAL RELEASE MEASURE

Spill / Release Response: Eliminate sources of ignition and ventilate area. Persons not properly equipped should be excluded from area. Stop spill at source, prevent spreading. Avoid inhalation of vapors. Avoid skin contact with liquid. Soak up on absorbent materials and place into proper container for disposal. Use non-sparking scoops for flammable materials. Clean walking surfaces thoroughly to reduce slipping hazard.

7. HANDLING AND STORAGE

Handling: Containers of this material may be hazardous when emptied, since containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given must be observed. Do not flame cut, braze or use welding torch on containers. Intentional misuse by deliberately concentrating and inhaling the vapors from this product may be harmful or fatal.

Storage Requirements: Do not store above 120°F. Do not store in direct sunlight. Keep away from heat sources, open flame, pilot lights, sparks, and other sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide sufficient mechanical ventilation (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

Respiratory Protection: If work place exposure limits of product or any component is exceeded, use a NIOSH/MSHA approved respirator. Consult your safety equipment supplier for recommendations.

Skin Protection: Wear impervious gloves if method of use involves skin contact with product. Consult your safety supply vendor for glove recommendations.

Eye Protection: Wear safety glasses at minimum, more extensive protection may be necessary depending on how the product is to be used.

Other Protective Equipment: Wear impervious clothing if bodily exposure is anticipated. Consult your safety supply vendor for recommendations.

Hygienic Practices: Wash hands before eating or smoking. Smoke in designated areas only. Remove and launder clothing if contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Range:	-44 - 632°F.
Odor:	Mild.
Appearance:	Red
Solubility in H₂O:	Negligible
Freeze Point:	Not determined.
Vapor Pressure:	Not determined.
Physical State:	Liquid
Coefficient of Water/Oil	
Distribution:	Not determined.
Vapor Density:	Is heavier than air.
Odor Threshold:	Not determined.
Evaporation Rate:	Is faster than Butyl Acetate.
Specific Gravity:	0.6867
PH @ 0.0%:	10
Viscosity:	Not determined.

10. STABILITY AND REACTIVITY

Stability:	This product is stable under normal storage conditions.
Conditions to Avoid:	Heat, sparks, welding arcs, open flame, pilot lights, static electricity or other source of ignition.
Incompatibility:	Strong oxidizers.
Hazardous Decomposition	
Products:	Carbon monoxide and carbon dioxide.
Hazardous Polymerization Conditions:	Will not occur under normal conditions.

11. TOXICOLOGICAL INFORMATION

No product or component toxicological information is available.

12. ECOLOGICAL INFORMATION

No information.

13. DISPOSAL CONSIDERATIONS

Disposal Methods:	Disposal should be in accordance with local, state and federal regulations.
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14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Aerosols.
DOT Hazard Class: 2.1
Hazard Subclass: None.
DOT UN/NA Number: UN1950
Packing Group: None.
RESP. Guide Page: 126
Additional Information: For domestic ground and air shipment this product may be shipped as a Consumer Commodity ORM-D. Outer cartons must have the ORM-D or ORM-D AIR designation. Original cartons are pre-printed with the ORM-D designation for ground shipment.

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
CERCLA-SARA Hazard Category: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Immediate Health Hazard, Fire Hazard, Pressurized Gas Hazard.
SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. No SARA Section 313 components exist in this product.
TOXIC SUBSTANCES CONTROL ACT: This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States. No information is available on this product.

INTERNATIONAL REGULATIONS

Canadian WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.
Canadian WHMIS Class: No information available.
TSCA Inventory: All components of this product are on the US TSCA inventory.

16. OTHER INFORMATION

Hazard Rating:

Health: 2
Flammability: 4
Reactivity: 0

Date MSDS Prepared:

November 10, 2009

VOC Content:

19.3% by weight.
157 grams/liter total product.
612 grams/liter less water and exempt.
0.15 lbs/can

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