

**THE STRIPPER
MATERIAL SAFETY DATA SHEET**

CREATION DATE: JUNE 26, 1991
REVISION DATE: MAY 12, 2012

DURO DYNE CANADA INC.
5030 Francois-Cusson
Lachine, Quebec H8T 1B3
Phone : (514) 422-9760
Fax : (514) 636-0328, (888) DURODYNE

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME: THE STRIPPER

ITEM #: 27147

SUPPLIER DETAIL: DURO DYNE CORPORATION
81 Spence Street
Bay Shore, NY 11706

Telephone: 800-899-3876

Emergency Telephone Number: 800-424-9300 (CHEMTREC)

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS
--

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	SEV. HYDRO HEAVY NAPHTHENIC DIST.	64742-52-5	45.0 %
02	SEV. HYDRO LIGHT NAPHTHENIC DIST.	64742-53-6	45.0%
03	ISOBUTANE	75-28-5	10.0 %
04	PROPANE	74-98-6	10.0 %
05	ZINC DIALKYLDITHIOPHOSPHATE	4259-15-8	5.0 %

EXPOSURE LIMITS

ITEM	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	5mg / m3 MIST	10 mg/ m3 MIST	5 mg / m3 MIST	N.E.	N.E.	NO
02	5mg / m3 MIST	10 mg/ m3 MIST	5 mg / m3 MIST	N.E.	N.E.	NO
03	N.E.	N.E.	N.E.	N.E.	1000 ppm	NO
04	2500 ppm	N.E.	1000 ppm	N.E.	N.E.	NO
05	N.E.	N.E.	N.E.	N.E.	N.E.	NO

(See Section 16 for abbreviation legend)

SECTION 03: HAZARDS IDENTIFICATION

*****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.

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, and even asphyxiation.

INGESTION: No information.

CHRONIC HAZARDS: No information.

PRIMARY ROUTE(S) OF ENTRY: Skin contact, inhalation, eye contact.

SECTION 04: FIRST AID 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. Launder contaminated clothing before re-use. Get medical attention if irritation persists.

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.

INGESTION: Do not induce vomiting. Give two glasses of water if conscious. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION 05: FIRE FIGHTING MEASURES

FLASH POINT (PENSKEY-MARTENS C.C.): -156°F

LOWER EXPLOSIVE LIMIT: 1.8%

UPPER EXPLOSIVE LIMIT: 9.5%

AUTO IGNITION TEMPERATURES: N.D.

EXTINGUISHING MEDIA: CO₂, dry chemical, foam, water fog.

UNUSUAL FIRE AND 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.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires. Keep fire exposed containers cool with water fog.

SECTION 06: ACCIDENTAL RELEASE MEASURES

RELEASE/SPILLED MEASURE: Eliminate sources of ignition & 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 material and place into proper container for disposal. Use non-sparking scoops for flammable materials. Clean walking surfaces thoroughly to reduce slipping hazard.

SECTION 07: 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: 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. Do not store above 120°F. Do not store in direct sunlight.

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide sufficient mechanical ventilation (general and / or local exhaust) 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.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: -44 - 551°F

ODOR: Mild

APPEARANCE: Red liquid

SOLUBILITY IN H₂O: Negligible

FREEZE POINT: N.D.

VAPOR PRESSURE: N.D.

PHYSICAL STATE: Liquid

COEFFICIENT OF WATER / OIL DISTRIBUTION: N.D.

VAPOR DENSITY: Is heavier than air.

ODOR THRESHOLD: N.D.

EVAPORATION RATE: Is faster than Butyl Acetate.

SPECIFIC GRAVITY: 0.8012

pH @ 0.0% : N.D.

VISCOSITY: N.D.

(See Section 16 for abbreviation legend)

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Heat, sparks, welding arcs, open flame, pilot lights, static electricity or other sources of ignition.

INCOMPATIBILITY: Strong inorganic acids, strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide, phosphorous oxide, sulfur dioxide, alkyl sulfides, mercaptans, hydrogen sulfides.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

SECTION 11: TOXICOLOGICAL PROPERTIES

No product or component toxicological information is available.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No Information

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, state and federal regulations

SECTION 14: TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: Aerosols

DOT TECHNICAL NAME:

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 transportation this product may be shipped as a Consumer Commodity ORM-D or as a Limited Quantity. Outer cartons must have the ORM-D designation or Limited Quantity diamond. DOT is transitioning from Consumer Commodity ORM-D marking to the new Limited Quantity diamond, which affords many of the same benefits as Consumer Commodity ORM-D.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: Hazards 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, the meet the following categories:

IMMEDIATE HEALTH HAZARDS FIRE HAZARD PRESSURIZED GAS HAZARD

SECTION 15: REGULATORY INFORMATION ...CONTINUED

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:

CHEMICAL NAME	CAS NUMBER	WT/WT % IS LESS THAN
ZINC DIALKYLDITHIOPHOSPHATE	4259-15-8	5.0%

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:

CHEMICAL NAME	CAS NUMBER
No information is available	No information is available

INTERNATIONAL REGULATIONS: AS FOLLOWS -

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.

SECTION 16: OTHER INFORMATION

HMIS RATING: Health: 1
Flammability: 4
Reactivity: 0

PREVIOUS MSDS REVISION DATE: MAY 13, 2009

VOC CONTENT: 14.9 % by Weight
119 Grams / Liter Total Product
119 Grams / Liter less Water and Exempt
0.12 LBS / CAN

LEGEND: N.A. – Not Applicable
N.E. – Not Established
N.D. – Not Determined
CAS Number – Chemical Abstracts Service Number
TLV- Threshold Limit Value
TWA- Time Weighted Average
STEL- Short Term Exposure Limit
PEL- Permissible Exposure Limit

**** The information given and the recommendations made herein apply to our product(s) alone and are not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No Guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes. ****

STRIPPER TECHNICAL CONTACT

FOR INFORMATION CONTACT:

M.S.D.S. Co-Ordinator
Duro Dyne Canada Inc
(514) 422-9760