



MATERIAL SAFETY DATA SHEET

Guardian Chemicals

PO Box 3029, Fort Saskatchewan, Alberta TBL 2T1

TRAXOL EP2

MATERIAL IDENTIFICATION AND USE

Manufacturer's Name: Guardian Chemicals
Manufacturer's Address: Box 3029 Fort Saskatchewan, Alberta, TBL 2T1
Emergency Phone No.: 403 998 3771
Supplier's Identifier:
Supplier's Address:
Supplier's Emergency Phone No.
Product Identifier: Traxol EP2
WHMIS Classification: B3, D2b
Product Use: Degreaser Solvent

HAZARDOUS INGREDIENTS OF MATERIALS

<u>Chemical Identity</u>	<u>Concentration</u>	<u>CAS#/NA#/UN#</u>	<u>LD(50)</u>
Petroleum naphtha	40 – 70	64742-94-5	3000mg/kg (rat oral)
D-Limonene	10 – 30	5989-27-5	4400mg/kg (rat oral)
Polyethyleneglycol nonylphenoether	1 – 5	9016-45-9	2600mg/kg (rat oral)
Nonionic surfactant	1 – 5	120-40-1	2700mg/kg (rat oral)
Fatty amine	1 – 5	61788-46-3	1300mg/kg (rat oral)
Dipropyleneglycol monomethylether	1 – 5	34590-94-8	5660mg/kg (rat oral)
2-methyl-2, 4-pentanediol	1 – 5	107-41-5	3700mg/kg (rat oral)

Note: LC(50) not available for any above ingredient.

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PHYSICAL DATA FOR PRODUCT

Physical State:	Liquid
Odour and Appearance:	Pale amber with hydrocarbon/citrus odour
Odour Threshold:	Not available
Specific Gravity:	0.92
Vapour Pressure	Not available
Vapour Density (air=1)	> 1
Evaporation Rate:	Not available
Boiling Point:	Not available
Freezing Point:	Not available
pH:	Not applicable
Density (g/ml):	0.92
Coefficient of water/oil Distribution	Not available

FIRE AND EXPLOSION HAZARD OF PRODUCT

Conditions of Flammability	Flammable vapours released when the temperature of the liquid exceeds the flash point.
Means of Extinction	In case of fire use water spray , foam, dry chemical or CO2.
Flashpoint & Method of Determination	142 F / 61.1 C (Tag Closed Cup)
Upper Explosion Limit (% by volume)	Not available
Lower Explosion Limit (% by volume)	Not available
Auto-Ignition temperature	Not available
Flammability Classification	WHMIS classification: Combustible Liquid. Not regulated under TDG regulations.
Hazardous Combustion Products	Oxides of Carbon and Nitrogen
Explosion Data	Not available
Sensitivity to Static Discharge	Not expected

REACTIVITY DATA

Chemical Stability	Stable under normal conditions of storage and use.
Incompatible Materials	Avoid contact with strong oxidising agents.
Conditions of Reactivity	Non – reactive
Hazardous Decomposition Products	None, material is stable.

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TOXICOLOGICAL PROPERTIES OF PRODUCT

Routes of Entry	
Skin Contact	May cause irritation on prolonged contact.
Skin Absorption	Certain components may be absorption through the skin.
Eye	May cause irritation, redness and burning sensation.
Inhalation	Vapours are irritating to the eyes, nose, throat and respiratory tract.
Ingestion	May cause irritation of the mouth and throat, nausea and vomiting.
Acute Over Exposure Effects	Inhalation of high concentrations of vapour may cause dizziness, nausea, headache, and anaesthesia. Skin and eye contact may cause irritation.
Chronic over Exposure Effects	May cause dermatitis on repeated skin contact.
Exposure Limits	Petroleum naphtha: 100 ppm (manufacturer) Dipropylenglycol monomethylether: ACGIH TLV = 100 ppm (skin) 2-methyl 2, 4-pentanediol: ACGIH = 25 ppm ceiling
Irritancy of Product	Irritant to the eyes, skin, mucous membranes and respiratory tract.
Carcinogenicity, Reproductive Effects	None of the ingredients are listed as such.
Teratogenicity, Mutagenicity, Sensitization to Material, Toxicologically Synergistic Product	Not available

PREVENTIVE MEASURES

Personal Protective Equipment	Use chemical goggles and wear rubber gloves when handling this product to prevent eye and skin contact. Approved respiratory protection for organic vapours should be used if vapour concentration exceeds recommended limits.
Specific Engineering Controls	This product should only be used under conditions of adequate ventilation. Mechanical ventilation equipment should be installed if necessary.
Leak and Spill Procedures	Pick up with absorbent material. Dispose of contaminated absorbent in accordance with all local environmental regulations.
Waste Disposal	Dispose of waste material in accordance with all local environmental regulations.
Handling Procedures and Equipment	Use recommended protective equipment when handling this material. Contaminated clothing must be laundered before wearing.
Storage Requirements	Keep container lid closed.
Special Shipping Information	NOT REGULATED UNDER TDG

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FIRST AID MEASURES

Specific First Aid Procedures In case of skin contact flush promptly with abundant water. In case of ingestion, do not induce vomiting. Call a physician. Flush eyes with abundant water and consult a physician. If inhaled, remove victim to fresh air. If breathing has stopped apply artificial respiration. Call physician.

PREPARATION OF MATERIAL DATA SAFETY SHEET

Prepared by	Mark Chaisson, Chemist
Phone Number of Preparer	403-998-3292
Date Prepared	May 25, 1994
	Revision Date: February 27, 1995
	Revision changes: WHMIS Classification, Hazardous ingredients, Exposure limits.

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