

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: HEAVY DUTY PENETRATING OIL-Aero
Recommended Use: AEROSOL LUBRICANT
Restrictions on Use: INDUSTRIAL USE ONLY
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
Telephone Number: (204) 633-8553 Fax: (204) 633-8453
Emergency telephone number: CANUTEC: (613) 996-6666

SECTION 2 - HAZARDS IDENTIFICATION

WHMIS 2015 hazard classification: EXTREMELY FLAMMABLE AEROSOL 1, CARCINOGEN 2, ASPIRATION TOXIC 1



Signal word: DANGER
Hazard statement(s): EXTREMELY FLAMMABLE AEROSOL
MAY BE FATAL IF SWALLOWED OR ENTERS AIRWAYS.
SUSPECTED OF CAUSING CANCER.
Precautionary statements: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.
DO NOT USE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.
KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES, HOT SURFACES. – NO SMOKING.
DO NOT SPRAY ON AN OPEN FLAME OR OTHER IGNITION SOURCE.
PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN, EVEN AFTER USE.
WEAR EYE PROTECTION, FACE PROTECTION, PROTECTIVE CLOTHING, PROTECTIVE GLOVES.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS REGISTRY NUMBER	CONCENTRATION %
TETRACHLOROETHYLENE	127-18-4	40 – 60 %
HYDROCARBONS, C-11-C14	647422-47-8	20 – 40 %
ISOALKANES,CYCLICS, < 2% AROMATICS		
CARBON DIOXIDE	124-38-9	1 - 2.5 %

SECTION 4 – FIRST AID MEASURES

First-aid measures general: IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION. ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF MATERIALS INVOLVED AND TAKE PRECAUTIONS TO PROTECT THEMSELVES.

First-aid measures after inhalation: REMOVE VICTIM TO FRESH AIR. GET MEDICAL ADVICE/ ATTENTION IF YOU FEEL UNWELL.

First-aid measures after skin contact: WASH WITH SOAP AND WATER. IF SKIN IRRITATION PERSISTS, GET MEDICAL ADVICE / ATTENTION

First-aid measures after eye contact: RINSE IMMEDIATELY WITH PLENTY OF WATER. IF EYE IRRITATION PERSISTS. GET MEDICAL ADVICE / ATTENTION.

First-aid measures after ingestion: IMMEDIATELY CALL A POISON CONTROL CENTRE OR PHYSICIAN . RINSE MOUTH. DO NOT INDUCE VOMITING. VOMITING: PREVENT ASPHYXIA / ASPIRATIONAL PNEUMONIA.

Symptoms / injuries after inhalation: MAY CAUSE DROWSINESS OR DIZZINESS. HEADACHE, NAUSEA, IRRITATION OF THE THROAT AND MUCOUS MEMBRANES,

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Symptoms / injuries after skin contact: IRRITATION.

Symptoms / injuries after eye contact: IRRITATION OF THE EYE TISSUE.

Symptoms / injuries after ingestion: SWALLOWING THE LIQUID MAY CAUSE ASPIRATION INTO THE LUNGS WITH THE RISK OF CHEMICAL PNEUMONITIS. RISK OF LUNG EDEMA.

Indication of any immediate medical attention and special treatment needed:
TREAT SYMPTOMATICALLY.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: ALCOHOL – RESISTANT FOAM, WATER FOG, DRY CHEMICAL POWDER, CARBON DIOXIDE.

Unsuitable extinguishing media: DO NOT USE A WATER JET SINCE IT MAY CAUSE THE FIRE TO SPREAD.

Special hazards arising from the substance or mixture:

Fire hazard: EXTREMELY FLAMMABLE AEROSOL.

Explosion hazard: PRESSURIZED CONTAINER MAY BURST IF HEATED.

Reactivity: THIS PRODUCT IS NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT.

Advice for firefighters:

Firefighting instructions: MOVE CONTAINERS AWAY FROM FIRE AREA IF THIS CAN BE DONE WITHOUT RISK. USE WATER SPRAY OR FOG TO COOL EXPOSED CONTAINERS.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

General measures: STAY UPWIND / KEEP DISTANCE FROM THE SOURCE.

For non-emergency personnel:

Protective equipment: DO NOT ENTER WITHOUT APPROPRIATE PROTECTIVE EQUIPMENT. DO NOT BREATHE GAS / VAPOUR. DO NOT TOUCH SPILLED MATERIAL.

Emergency procedures: EVACUATE UNNECESSARY PERSONNEL. VENTILATE SPILLAGE AREA. ADVISE LOCAL AUTHORITIES IF CONSIDERED NECESSARY.

For containment: ELIMINATE EVERY POSSIBLE SOURCE OF IGNITION. KEEP COMBUSTIBLES (WOOD, PAPER, OIL, ETC.) AWAY FROM SPILLED MATERIAL. STOP LEAK IF SAFE TO DO SO. USE WATER SPRAY TO DISPERSE THE VAPOURS.

METHODS FOR CLEANING UP: ABSORB SPILLAGE TO PREVENT MATERIAL DAMAGE. PREVENT DISPERSION BY COVERING WITH NON-COMBUSTIBLE ABSORBENT. MATERIAL FOLLOWING PRODUCT RECOVERY, FLUSH AREA WITH WATER.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE. DO NOT USE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. PRESSURIZED CONTAINER. DO NOT PIERCE OR BURN EVEN AFTER USE. DO NOT USE IF SPRAY BUTTON IS MISSING OR DEFECTIVE. DO NOT SPRAY ON A NAKED FLAME OR ANY INCANDESCENT MATERIAL. DO NOT SMOKE WHEN HANDLING THIS PRODUCT. DO NOT CUT, WELD, SOLDER, DRILL OR GRIND OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, OR OTHER SOURCES OF IGNITION. GROUND / BOND CONTAINER AND RECEIVING EQUIPMENT. AVOID PROLONGED OR REPEATED EXPOSURE WITH THE SKIN. USE OUTDOORS OR IN A WELL-VENTILATED AREA. .
Hygiene measures: WASH THOROUGHLY AFTER HANDLING. USE GOOD PERSONAL HYGIENE PRACTICES.

Technical measures: PRESSURIZED CONTAINER. DO NOT PUNCTURE, INCINERATE OR CRUSH. TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

Storage conditions: PROTECT FROM SUNLIGHT. DO NOT EXPOSE TO TEMPERATURES EXCEEDING 50 ° C.

Incompatible materials: OPEN FLAME, IGNITION SOURCES, HEAT SOURCES.

Storage area: AEROSOL 1.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

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TETRACHLOROETHYLENE ACGIH TWA (ppm) 25 ppm,
ACGIH STEL (ppm) 100 ppm
ACGIH Remark: CNS IMPAIRMENT

CARBON DIOXIDE ACGIH TWA (ppm) 5000 ppm,
ACGIH STEL (ppm) 30000 ppm
ACGIH Remark: ASPHYXIA

Personal protective equipment: GLOVES, CHEMICAL RESISTANT APRON. EYE / FACE PROTECTION. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT WHEN RISK ASSESSMENT INDICATES THIS IS NECESSARY. WHEN USING DO NOT SMOKE, USE GOOD PERSONAL HYGIENE PRACTICES. WASH HANDS IMMEDIATELY AFTER HANDLING THE PRODUCT. TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE RE-USE. KEEP AWAY FROM FOOD AND DRINK.



SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	LIQUID
Colour and appearance:	AEROSOL. AMBER DARK BROWN LIQUID CHARACTERISTIC.
Odour:	CHARACTERISTIC.
Odour threshold:	NO DATA AVAILABLE
pH:	NO DATA AVAILABLE
Melting point:	NO DATA AVAILABLE
Freezing point:	NO DATA AVAILABLE
Boiling point:	NO DATA AVAILABLE
Flash point:	109° C. ESTIMATED
Relative evaporation rate (butyl acetate = 1	NO DATA AVAILABLE
Flammability (solid, gas):	NO DATA AVAILABLE
Explosive properties:	NO DATA AVAILABLE
Oxidizing properties:	NO DATA AVAILABLE
Vapour pressure:	NO DATA AVAILABLE
Relative density:	NO DATA AVAILABLE
Relative vapour density at 20 °C:	NO DATA AVAILABLE
Specific gravity /density:	1.25 g / mL
Solubility:	NO DATA AVAILABLE
Log Pow:	NO DATA AVAILABLE
Log Kow:	NO DATA AVAILABLE
Auto-ignition temperature:	NO DATA AVAILABLE
Decomposition temperature:	NO DATA AVAILABLE
Viscosity:	NO DATA AVAILABLE
Viscosity, kinematic:	> 20 cSt
Viscosity, dynamic:	NO DATA AVAILABLE
VOC content.	58.88 % ESTIMATED

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: THIS PRODUCT IS NON-REACTIVE UNDER NORMAL CONDITIONS OF USE, STORAGE AND TRANSPORT.

Stability: STABLE UNDER NORMAL CONDITIONS.

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Conditions to avoid: AEROSOL CONTAINERS ARE UNSTABLE AT TEMPERATURES ABOVE 49° C.
AVOID TEMPERATURES EXCEEDING THE FLASHPOINT.

Incompatible materials: STRONG OXIDIZING AGENTS.

Hazardous decomposition products: HYDROGEN CHLORIDE.

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute toxicity: NOT CLASSIFIED.

HYDROCARBONS, C11-C14, N-ALKANES, ISOALKANES, CYCLICS, < 2% AROMATICS
(64742-47-8) LD50 DERMAL RABBIT > 5000 MG/KG BODY WEIGHT (RABBIT; LITERATURE)

Skin Corrosion/Irritation : NOT CLASSIFIED

Serious Eye Damage/Irritation : NOT CLASSIFIED.

Respiratory Or Skin Sensitization : NOT CLASSIFIED

Germ Cell Mutagenicity : NOT CLASSIFIED

Carcinogenicity : SUSPECTED OF CAUSING CANCER.
TERTACHLOROETHYLENE IARC GROUP 2A –
PROBABLY CARCINOGENIC TO HUMANS

Reproductive Toxicity : NOT CLASSIFIED

Specific Target Organ Toxicity
(Single Exposure) : NOT CLASSIFIED

Specific Target Organ Toxicity : NOT CLASSIFIED
(Repeated Exposure)

Aspiration Hazard : MAY BE FATAL IF SWALLOWED AND ENTERS
AIRWAYS.

Symptoms/Injuries After Skin : IRRITATION.
Contact

Symptoms/Injuries After : SWALLOWING THE LIQUID MAY CAUSE
Ingestion ASPIRATION INTO THE LUNGS WITH THE RISK
OF CHEMICAL PNEUMONITIS. RISK OF
ASPIRATION PNEUMONIA.

SECTION 12 - ECOLOGICAL INFORMATION

Ecology (General): NO ADDITIONAL INFORMATION AVAILABLE

Persistence and degradability: NO ADDITIONAL INFORMATION AVAILABLE

Bioaccumulation potential: NO ADDITIONAL INFORMATION AVAILABLE

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste treatment methods: CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE, OR CRUSH. DISPOSE OF CONTENTS/CONTAINER TO COMPLY WITH LOCAL / REGIONAL / NATIONAL / INTERNATIONAL REGULATIONS

Additional information: THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE MANNER. EMPTY CONTAINERS SHOULD BE TAKEN FOR RECYCLING. HANDLE UNCLEAN EMPTY CONTAINERS AS FULL ONES.

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SECTION 14 – TRANSPORT INFORMATION

T.D.G. Shipping Name: AEROSOLS, FLAMMABLE

Class: 2.1

UN Number: UN 1950

Packing Group: Not applicable.

Limited quantity exemption: CONTAINER UNDER 1 LITRE.

SECTION 15 - REGULATORY INFORMATION

THE CLASSIFICATION, LABEL AND SDS COMPLIES WITH THE REQUIREMENTS OF WHMIS 2015

SECTION 16 - OTHER INFORMATION

Information Sources: SUPPLIER'S SDS

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