

SAFTY DATA SHEET
DATE: August 25, 2002

XCELPLUS INTERNATIONAL INC
PRODUCT CODE: A-GDEP-3101
FORMULA CODE: Pfl - 906

PRODUCT NAME: Permanent Gas & Diesel Engine Protection Concentrate
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Package 12 fl oz. Treat Rate 7.5%

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IDENTIFICATION OF THE PREPARATION:

CHEMICAL FAMILY: Proprietary Mixture

PRODUCT DESCRIPTION: 12 oz. Metal Treating Oil Additive

SUPPLIER: DISTRIBUTED BY:

XCELPLUS INTERNATIONAL INC, XCELPLUS INTERNATIONAL, INC.

7111 CLINTON DRIVE 5041 GENERAL PULLER HWY.

HOUSTON, TEXAS 77020 SALUDA, VA. 23149

Telephone: (800) 472-7409 (office hours) Telephone: (800) 472-7409

Facsimile: (804) 758-9684 Fax: (804) 725-9684

EMERGENCY TELEPHONE NUMBER: North America (800) 460-3146 (office hours)

Chemtrec (800) 424-9300

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Components Cas No. EINECS Index No. Symbol R / S phrase Wt%

Product A:

Petroleum Distillates, hydro-treated

heavy paraffinic 64742-54-7 265-157-1 649-468-00-3 T carc.. class 2 R-45 S-53 / 45 50 -70

or

Petroleum distillates, solvent

De-waxed heavy paraffinic 64742-65-0 265-169-7 649-474-006 T carc. class 2 R-45 S-53 / 54

Product contained less than 10% base oil

This formulation is a "Trade Secret". The additional proprietary components in this product is not considered hazardous as defined in the OSHA Hazard Communication Standard 29,CFR 1900.1200 or contain components in sufficient concentrations to require a hazard classification for health in accordance with EC Directives.

3. HAZARDS IDENTIFICATION

This product is hazardous under the criteria of the OSHA Hazard Communication Rule, 29 CFR 1900.1200.

Health Hazards: Product A;

Inhalation: Vapor inhalation under ambient conditions is not normally a problem.

Eye Contact: May cause Eye Irritation

Skin contact: Repeated or prolonged contact may cause defatting and irritation. However, based on human experience and available toxicological data, this product is judged not to be an "irritant" by OSHA criteria.

Ingestion: Product has a low order of acute oral and dermal toxicity, but minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death. Do not induce vomiting. Call a physician immediately.

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HMIS CLASS: HEALTH 1

HMIS CLASS: FLAMMABILITY . . 1

HMIS CLASS: REACTIVITY 0

PHYSICAL AND CHEMICAL HAZARDS / FIRE AND EXPLOSION HAZARDS

?? Low hazard. Material can form combustible mixtures or can burn only upon heating to temperatures at

or above the flash point.

?? Toxic gases will form upon combustion. See Section 5 "FIRE – FIGHTING MEASURES".

4. FIRST AID MEASURES (For Both Products)

INHALATION:

If inhaled, immediately remove the affected victim from exposure. Move to fresh air. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

EYE CONTACT:

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN CONTACT:

Remove contaminated clothing. Wash contaminated areas with soap and water.

INGESTION:

DO NOT INDUCE VOMITING. Give two (2) 16 oz. glasses of water to dilute stomach contents. If vomiting occurs naturally, have victim lean over to avoid aspiration. Get medical attention immediately. NEVER give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES;

FLASH POINT (METHOD): 166 C / 330.8 F minimum

FLAMMABLE LIMITS: Not established.

EXTINGUISHING MEDIA: Use dry chemical, foam or carbon dioxide.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS : Include fumes, smoke, carbon monoxide, sulfur oxides, aldehydes, oxides of carbon and nitrogen.

SPECIAL FIRE FIGHTING PROCEDURES: Avoid breathing smoke and vapor. Respiratory and eye protection required for fire fighting personnel. Use water fog only to cool containers and to wash away avoid spraying water directly into containers, due to danger of boil over.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

6. ACCIDENTIAL RELEASE MEASURES (For both Products)

LAND SPILL:

Contain spilled liquid with sand, earth or absorbents to prevent migration and entry into sewers or streams.

Small spills may be taken up with dry chemical absorbent.

Large spills may be taken up with pump or vacuum and finished off with dry chemical absorbent.

Large spills may require excavation of contaminated soil.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

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See also Section 4 "FIRST AID MEASURES" as well as Section 10 "STABILITY AND REACTIVITY".

WATER SPILL

Large spills. Warn other shipping. Notify port or relevant authority and keep public away. Shut off source if possible to do so without hazard. Confine if possible.

Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies. Sinking and / or suitable dispersants may be used in non-confined waters.

See also Section 4 "FIRST AID MEASURES" as well as Section 10 "STABILITY AND REACTIVITY".

7. HANDLING AND STORAGE

STORAGE / TRANSPORT TEMPERATURE: (Deg. C) : Ambient

LOADING / UNLOADING TEMPERATURE: (Deg. C) : Ambient

VISCOSITY @ 40 deg. C (cSt) : 289.1

@ 100 deg. C (cSt) : 30.09

Viscosity Index (D-2270): 141

STORAGE / TRANSPORT PRESSURE (kPa) : Atmospheric

ELECTROSTATIC ACCUMULATION HAZARD : Yes, use proper grounding procedure.

USUAL SHIPPING CONTAINERS: 12 oz. Plastic Bottles and 55 gal.drums.

Note 1: Compatibility with plastic material can vary; we therefore recommend that compatibility be tested prior to use.

STORAGE / HANDLING, GENERAL NOTES:

Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated place, away for incompatible materials.

Do not handle, store or open near an open flame, source of heat or sources of ignition. Material will accumulate static charges, which may cause electrical spark (ignition source). Use proper grounding procedures.

Do not pressurize, cut or weld containers. Empty product containers may contain product residue.

Do not reuse empty containers without commercial cleaning or reconditioning.

ADDITIONAL WARNINGS:

Container remains hazardous when empty. Continue to observe all precautions.

8. EXPOSURE CONTROLS / PERSONEL PROTECTION

ENGINEERING CONTROL MEASURES / VENTILATION:

EXPOSURE LIMITS: Not established for products. (See Section 2: Composition / Information on Ingredients).

EYE PROTECTION: Chemical goggles for primary protection. For severe exposure add face shield.

PROTECTIVE GLOVES: Resistant to chemical penetration.

RESPIRATORY PROTECTION: Use of respiratory protection is generally not required.

However, if use conditions (e.g. elevated temperatures) generate vapors, dust or fumes use NIOSH-APPROVED organic vapor respirators with dust, mist, and fume filters to reduce potential for inhalation exposure. Where exposure potential necessitates a higher level of protection, use a NIOSH-APPROVED positive pressure, pressure demand, air supplied respirator. When using respirator cartridges or canisters, they must be changed frequently

(following each use or at the end of the work-shift) to assure breakthrough exposure does not occur.

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MECHANICAL VENTILATION: Recommended

LOCAL EXHAUST VENTILATION: At source of heated vapors.

OTHER: If repeated or prolong skin contact or contamination of clothing is likely, chemical resistant protective clothing should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES (For Both Products)

PHYSICAL STATE:	Liquid
COLOR:	Purple
ODOR:	Petroleum
PH:	ND
FREEZE / MELT POINT:	ND
BOILING POINT RANGE:	ND
FLASHPOINT (TCC):	166 C / 330.8 F
VAPOR PRESSURE:	< 0.01mm Hg. @ 20 C
DENSITY (20 deg. C):	7.2 lbs. Gal
SPECIFIC GRAVITY:	0.88
SOLUBILITY IN WATER:	Negligible
EVAPORATION RATE:	ND

10. STABILITY AND REACTIVITY (For Both Products)

HAZARDOUS POLYMERIZATION :	Will not occur
STABILITY:	Stable
CONDITIONS TO AVOID:	High temperatures, sparks and open flames
.MATERIALS TO AVOID:	Strong oxidizing and reducing agents.

11. TOXICOLOGICAL INFORMATION (For Both Products)

Product A;

INHALATION: Not determined. However, health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

EYE CONTACT: Eye irritant.

SKIN CONTACT: Long term exposure may cause irritation.

.INGESTION: Not determined, but believed to be of a low level of toxicity.

12. ECOLOGICAL INFORMATION (For Both Products)

Ecological testing has not been conducted on these products as formulated.

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13. DISPOSAL CONSIDERATIONS (For Both Products)

The following advice only applies to the products as supplied. Combination with other materials may well indicate another route of disposal. If in doubt, contact local BOP supplier or local authorities. Empty drums should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor.

Care in any case should be taken to ensure compliance with OSHA, EPA, EC, Federal, State and Local regulations.

These products are NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers.

Product is ashless and can be burned directly in appropriate equipment.

Product is suitable for energy recovery in appropriate incinerators.

14. TRANSPORTATION INFORMATION

DOT DESCRIPTION /

PROPER SHIPPING NAME: NR

DOT CLASS: NR

DOT ID NUMBER: NA

15. REGULATORY INFORMATION

UNITED STATES (SARA (311-312)) : NR

EUROPEAN ECONOMIC COMMUNITY LABEL: ND

16. OTHER INFORMATION

This information is based on our present state of knowledge and relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of XCELPLUS INTERNATIONAL INC knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. XCELPLUS INTERNATIONAL INC is not responsible for damages of any nature whatsoever resulting from the use of the product or reliance upon the information and recommendations. It is the user's sole responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.