

## MATERIAL SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	Agrol Hybran	
Use:	Lubricating oil for transmissions and for hydraulic oil for UTTO-type.	
Supplier	Agro Oil Box 30192 104 25 Stockholm	
	Telephone	+468 657 42 00
	Fax	+468 657 42 88
Producer	Petrolia AB Box 5194 102 44 Stockholm	
	Telephone No	+468 670 34 00
Emergency telephone	Swedish Poisons Information Centre	+468 33 12 31 (daytime) 112 (acute)

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	Cas No	Content (%)	Symbols	R-Phrases
Severely solvent refined mineral oil (IP346 DMSO extract < 3 %)		90 - 95	-	-
Zinc alkyldithiophosphate	68649-42-3	1-2	Xi	R38, R53
Calcium sulphonates	68783-96-0	1-2	-	R53
Polyolefins			-	-

## 3. HAZARDS IDENTIFICATION

Can cause dry skin after often-repeated contact.

## 4. FIRST AID MEASURES

Generally information	No danger in normal use
Inhalation	Remove to fresh air. Consult a doctor in case of symptoms.
Ingestion	Flush oral cavity and drink plenty of water. Do not induce vomiting.
Skin contact	Remove contaminated clothing. Wash skin with water and soap. Rinse thoroughly.
Eye contact	Rise with opened eye for several minutes under running water. Consult a doctor in case of symptoms.

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**5. FIRE-FIGHTING MEASURES**

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Extinguishing media      Water spray, foam, CO2 or dry powder. Container close to fire should be removed or cooled with water.  
Use breathing apparatus against noxious fumes.

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**6. ACCIDENTAL RELEASE MEASURES**

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Environmental precautions      Do not allow the product to enter the environment.

Methods for cleaning up      Prevent liquid entering sewers. Absorb smaller quantities. With greater spill, get in contact with rescue workers. Wear suitable protective equipment.

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**7. HANDLING AND STORAGE**

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Handling      Mechanical ventilation. Avoid contact with skin and eyes. Eyewash equipment should be provided.  
Keep away from strong heating.

Storage      Store in original closed containers.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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Ventilation      Good ventilation should be provided.

Eye and skin protection      If necessary use safety goggles and protective gloves.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Physical state	Oily liquid
Colour	Light brown
Melting point(°C)	-36
Density (g/ml)	0.882 ( 15 °C )
Viscosity, kinematic, 40 °C, mm <sup>2</sup> /s:	63
Flash point (°C)	210 method: (ASTM D92,COC)

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**10. STABILITY AND REACTIVITY**

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Stability      Stable under normal condition.

Conditions/materials to avoid      Strong oxidizing agents.

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**11. TOXICOLOGICAL INFORMATION**

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Inhalation	Inhalation of dust/fumes may cause irritation.
Ingestion	May cause a feeling of sickness.
Skin	Repeated and prolonged contact with skin can cause irritation.
Eye	Contact with eye may cause irritation.

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## 12. ECOLOGICAL INFORMATION

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Mobility	The Little mobility in soil. Some components may penetrate the soil causing ground water pollution. Will spread on the water surface. A small portion may be dispersed in water.
Degradability	Not readily biodegradable.
Ecotoxicity/bioaccumulation	The base oil components are not expected to be dangerous to the aquatic environment. Contains a small amount of additive components classified as dangerous to the aquatic environment.

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## 13. DISPOSAL CONSIDERATIONS

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Local authority should be informed when discharge of greater spill.

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## 14. TRANSPORT INFORMATION

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UN-no	Not classified
RID / ADR	Not classified
IMO	Not classified
IATA / ICAO	Not classified

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## 15. REGULATORY INFORMATION

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R-Phrases	none
S-Phrases	none

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## 16. OTHER INFORMATION

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Text of R-phrases indicated in section 2:

R 38: Irritating to skin.

R 53: May cause long term adverse effects in the aquatic environment.

Revision date: 11/11/2004

Signature:

Lennart Fahlgren  
Petrolia AB