



Section 1. Identification of the substance/mixture and of the company/undertaking.

1.1 Product identifier:	AUTOL AGROTECH 10W-30
1.2 Relevant identified uses of the substance or mixture and uses advised against:	
Use of the substance/mixture:	Tractor oil
Uses advised against:	No uses known
1.3 Details of the supplier of the safety data sheet:	Eni Schmiertechnik GmbH Paradiesstr. 14, 97080 Würzburg Tel. (+ 49) 931 - 900 98-0 Fax (+ 49) 931-98442
Advising/Support:	Technical Department, Tel. (+49) 931 900 98-145 technik.wuerzburg@agip.de http://www.enischmiertechnik-datenblaetter.de

Section 2. Hazards identification.

2.1 Classification of the substance or mixture:	The mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.
2.2 Label elements:	
Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)	
Supplemental information:	EUH210 – Safety data sheet available on request.
2.3 Other hazards:	Product can form up a film on the water surface that can prevent oxygen exchange, Refer to section 11, 12 and 15.

Section 3. Composition/information on ingredients.

3.2 Mixtures:	
Chemical characterization:	Additive, mineral oil

Hazard ingredients (Regulation (EC) No. 1272/2008)

Zinkdialkyl-Dithiophosphate

CAS-no. 68649-42-3
EINECS-no. 272-028-3
Concentration $\geq 1 < 2,5$ %

Classification (Regulation (EC) Nr. 1272/2008)

Skin Irrit. 2 H315
Eye Dam. 1 H318 Aquatic Chronic 2 H411

Concentration limits (Regulation (EC) Nr. 1272/2008)

Eye Dam. 1 H318 $> 10 < 100$ %
Eye Irrit. 2 H319 $> 5 \leq 10$ %
Skin Irrit. 2 H315 ≥ 5 %

Nonylphenol ethoxylate

CAS-Nr. 9016-45-9
EINECS-Nr. 500-024-6
Concentration $> 0,5 \leq 1$ %

Classification (Regulation (EC) Nr. 1272/2008)

Skin Irrit. 2 H315
Eye Irrit. 2 H319
Aquatic Chronic 2 H411
Acute Tox. 4 H302

Other Information:	Test data verify that the zinc dialkyl dithosphosphate does not cause the classification of the product as "Eye irritant 2". All concentrations are units of weight percent for liquids and unit of volume percent for gaseous products. Other substances that are not classified to be hazardous, up to 100%. Complete text of the hazard statements in chapter 16. Mixtures are not subjected to registration. The registration numbers of the ingredients in this mixture (if present) have been listed in item 3.
--------------------	---



Section 4. First aid measures.

4.1 Description of the first aid measures:

General information:	In case of persistent symptoms consult doctor. Remove soiled or soaked clothing immediately, do not allow to dry. Never give anything by mouth to an unconscious person.
After inhalation:	Remove the casualty to fresh air and keep him warm. In the event of symptoms take medical treatment.
After skin contact:	After contact with skin, wash immediately with plenty of water and soap. Consult a doctor if skin irritation persists. Remove contaminated clothing.
After eye contact:	Separate eyelids, wash the eyes thoroughly with water (15 min.) Take medical treatment.
After ingestion:	Do NOT induce vomiting – aspiration hazard. Summon a doctor immediately.
Adhere to personal protective Measures when giving first aid:	First aider: Pay attention to self-protection.
4.2 Most important symptoms and effects, both acute and delayed:	Unit now no symptoms known so far.

Section 5. Fire fighting measures.

5.1 Extinguishing media:

Suitable extinguishing media: Foam, Dry powder, Carbon dioxide, Water spray jet.

Non suitable extinguishing media: Full water jet.

5.2 Special hazards arising from the Substance or mixture:

In case of combustion evolution of dangerous gases possible. The hot product develops flammable fumes. In the event of fire the following can be released: Pyrolysis products; Hydrocarbons; Carbon dioxide (CO₂); Carbon monoxide (CO); Hydrogen sulphide (H₂S); Nitrogen oxides (NO_x); Phosphorus oxides; smoke.

5.3 Advice for fire fighters:

In case of combustion use a suitable breathing apparatus. Wear full protective suit. Do not allow run-off from firefighting to enter drains or water courses.

Section 6. Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation. Exclude sources of ignition and ventilate the area. Avoid contact with skin, eyes and clothing. High risk of slipping due to leakage/spillage of product. Avoid breathing vapours.

6.2 Environmental precautions:

Do not allow to enter drains or waterways. Prevent spread over a wide area (e.g. by contaminated or oil barriers).

6.3 Methods and material for containment and cleaning up:

Pick up with absorbent material (e. g. sand, sawdust, general-purpose binder, Kieselgur). Treat recovered material as prescribed in the section on waste disposal.

6.4 Reference to other sections:

Refer to protective measures listed in Section 7 and 8.

Section 7. Handling and storage.

7.1 Precautions for safe handling:

Advice on safe handling:

Avoid formation of oil dust. Hot product develops flammable vapours. Handle and open container with care. Avoid skin and eye contact.

Advice on protection against fire and explosion:

Keep away from sources of heat and ignition. Do not smoke. Take precautionary measures against static discharge.

Classification of fires/temperature class/

Ignition group/Dust explosion class:

Classification of fires: B (Combustible liquid substances)



7.2 Conditions for safe storage, including any incompatibilities:

Requirements for storage rooms and vessels:

Keep/store only in original packaging.

Hints on storage assembly:

Keep away from flammable substances.

Storage class according to TRGS 510:

Storage class according to 10 Flammable liquids

7.3 Specific end use(s):

Keep container tightly closed and dry. Keep in a cool place.

Section 8. Exposure controls/personal protection.

8.1 Control parameters:

8.2 Exposure controls:

Technical measures for preventing exposition. Organisational measures for preventing exposition. Provide adequate ventilation. The type of personal protective equipment must be selected depending on the concentration and quantity of the hazardous substance at the workplace.

General protective and hygiene Measures:

Observe the usual precautions for handling chemicals. Store work clothing separately. Wash hands before breaks and after work. Cloths contaminated with product should not be kept in trouser pockets. Do not eat, drink or smoke during work time.

Respiratory protection:

Not necessary, but do not inhale vapours. In situations where misting of flying may occur use appropriate certified respirators. Short term: filter apparatus, Filter A/P2.

Hand protection:

For this purpose, protective gloves are suitable, for instance, made by the company KCL GmbH D-36124 Eichenzell, phone +49 (0)6659 87300, with the following specification (tested per EN374)

Camatril (Item No: 731; Material: Nitrile, Minimum layer thickness: 0.33 mm; Burst time: 480 min)

Dermatril (Item No: 740; Material: Nitril, Minimum layer thickness: 0.11 mm, Burst time: 30)

The protective gloves to be used must comply with the specifications of the EU directive 89/686/EEC and the standard EN374 derived from it. The above mentioned burst times are based on laboratory measurements of KCL made as per EN374 and are applicable only for this KCL product.

Eye protection:

Tightly fitting safety glasses.

Section 9. Physical and chemical properties.

9.1 Information on basic physical and chemical properties:

Physical state:

Liquid

Colour:

light yellow to brownish

Odour:

Characteristic

Initial boiling point/boiling range:

> 320°C

Flashpoint:

> 220°C (DIN ISO 2592)

Pourpoint:

-48°C (DIN/ISO 3016)

Lower explosion limits:

0,6 Vol.%

Upper explosion limits:

6,5 Vol.%

Density at 15°C:

0,863 – 0,873 g/cm³ (DIN 53217)

Solubility in other solvents:

Insoluble in water

Kin. Viscosity at 40°C:

68,7 mm²/s (DIN 51562)

Kin. Viscosity at 100°C:

10,5 mm²/s (DIN 51562)



Section 10. Stability and reactivity.

10.1 Reactivity:	No hazardous reactions when stored and handled according to prescribed instructions.
10.2 Chemical stability:	Stable under recommended storage and handling conditions (see section 7).
10.3 Possibility of hazardous reactions:	Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.
10.4 Conditions to avoid:	Oxidizing agents,
10.5 Incompatible materials:	No data available.
10.6 Hazardous decomposition products:	See section 5.3.

Section 11. Toxicological information.

11.1 Information on toxicological effects:

Acute oral toxicity:	Remarks: Based on available data, the classification criteria are not met.
Acute dermal toxicity:	Remarks: Based on available data, the classification criteria are not met.
Acute inhalation toxicity:	Remarks: Based on available data, the classification criteria are not met.
Skin corrosion/irritation:	Remarks: Based on available data, the classification criteria are not met.
Serious eye damage/irritation:	Remarks: Based on available data, the classification criteria are not met.
Sensitization:	Remarks: Based on available data, the classification criteria are not met. May cause sensitization.
Mutagenicity:	Remarks: Based on available data, the classification criteria are not met.
Reproductive toxicity:	Remarks: Based on available data, the classification criteria are not met.
Carcinogenicity:	Remarks: Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity (STOT):	Remarks: Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.
Other information:	There are no details for the formulation/mixture itself.

Section 12. Ecological information.

12.1 Toxicity:

General Information:	There are no data available on the mixture itself. The mixture has been assessed following the summation method of the CLP Regulation (EC) No. 1272/2008 and is not classified as dangerous for the environment.
----------------------	--

12.2 Persistence and degradability:

General information:	There are no data available for the mixture itself.
Biogradability:	Remarks: The product is not readily biogradable according to OECD criteria but is inherently biogradable.

12.3 Bioaccumulative potential:

General information:	There are no data available on the mixture itself.
----------------------	--

12. 4 Mobility in soil:

General information:	There are no data available on the mixture itself.
----------------------	--

12.5 Results of PBE and vPvB assessment:

Evaluation of persistence and Bioaccumulation potential:	The ingredients of this formulation do not comply with the criteria for the classification as PBT vPvB.
--	---

12.6 Other adverse effects:

Behaviour in sewers (waste treatment plants):	May be separated out mechanically in purification plants.
---	---



General information/ecology: Do not discharge product unmonitored into the environment.

Section 13. Disposal considerations.

13.1 Waste treatment methods:

Disposal recommendations for the product: The code numbers/waste designations are to be assigned in accordance with reference to the fields and processes.
Disposal as per EC directive 75/442/ECC and 91/689/ECC on waste and hazardous waste in the current versions as amended from time to time.
Dispose of waste according to applicable legislation.
EWC waste Code: 13 02 05* Mineral-based non-chlorinated engine, gear and lubricating oils.

Dispose of as hazardous waste.

Disposal recommendations for packaging:

EWC waste Code: 13 02 05* Mineral-based non-chlorinated engine, gear and lubricating oils.

Packaging that cannot be cleaned should be disposed of as product waste.
Uncontaminated packaging may be taken for recycling.

Section 14. Transport information.

Information for all modes of transport.

14.6 special precautions for user: Non dangerous good.

Section 15. Regulatory information.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

National regulatory information:

Other information: The product contains SVHC-substances.

15.2 Chemical safety assessment: for this preparation a chemical safety assessment has not been carried out.

Section 16. Other information.

The information contained in this safety data sheet is based on our current information level. It does not give assurance for certain product properties and does not establish a contractual relationship. This information relates only to the specific material and may not be valid if the material is used in combination with any other material or in any process.

Hazardous Statements listed in Chapter 3

H302 Harmful if swallowed.
H315 Causes skin irritations.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H411 toxic to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4 acute toxicity, Category 4
Aquatic Chronic 2 Hazardous to the aquatic environment, chronic, Category 2
Eye irrit. 2 Eye irritation, Category 2
Skin irrit. 2 Skin irritation, Category 2

Changes: 2, 3, 4, 6, 10, 14, 15, 16