



## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

SDS # : 30492

# PLANETELF ACD 32

Date of the previous version: 2015-01-26

Revision Date: 2015-08-24

Version 3

### Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

<b>Product name</b>	<b>PLANETELF ACD 32</b>
<b>Number</b>	GGX
<b>Substance/mixture</b>	Mixture

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

<b>Identified uses</b>	Oil, for, refrigerating compressors.
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#### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</b>	TOTAL LUBRIFIANTS 562 Avenue du Parc de L'île 92029 Nanterre Cedex Tél: +33 (0)1 41 35 40 00 Fax: +33 (0)1 41 35 84 71
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#### For further information, please contact:

<b>Contact Point</b>	HSE
<b>E-mail Address</b>	rm.msds-lubs@total.com

#### 1.4. Emergency telephone number

+33 1 49 00 00 49 (24h/24, 7d/7)  
 France - ORFILA (INRS) Tél : +33 (0)1 45 42 59 59  
 In France : - PARIS : Hôpital Fernand Widal 200, rue du Faubourg Saint-Denis 75475 Paris Cédex 10 , Tel : 01.40.05.48.48. -  
 MARSEILLE : Hopital Salvator, 249 bd Ste Marguerite 13274 Marseille cedex 5, Tel : 04.91.75.25.25. - LYON : Hopital Edouard  
 Herriot, 5 place d'Arsonvol, 69437 Lyon cedex 3, Tel : 04.72.11.69.11. - NANCY : Hopital central, 29 Av du Mal De Lattre de  
 Tassigny, 54000 Nancy, Tel : 03.83.32.36.36 ou le SAMU : Tel ( 15 )

### Section 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

**REGULATION (EC) No 1272/2008** \*\*\*

*For the full text of the H-Statements mentioned in this Section, see Section 2.2.\*\*\**

#### **Classification**

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008\*\*\*

#### 2.2. Label elements

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Labelled according to REGULATION (EC) No 1272/2008\*\*\*

**Hazard Statements \*\*\***  
None\*\*\*

**Precautionary Statements**  
None\*\*\*

## 2.3. Other hazards

**Physical-Chemical Properties** Contaminated surfaces will be extremely slippery.\*\*\*

**Environmental properties** Should not be released into the environment.\*\*\*

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixture

**Chemical nature** The product is made from synthetic base oils (esters) .  
**Hazardous ingredients** Do not contain hazardous substance nor substance with european workplace exposure limits in concentration above regulatory thresholds

For the full text of the H-Statements mentioned in this Section, see Section 16.

## Section 4: FIRST AID MEASURES

### 4.1. Description of first-aid measures

**General advice** IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.\*\*\*

**Eye contact** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a physician.\*\*\*

**Skin contact** Wash off immediately with soap and plenty of water. Consult a physician.\*\*\*

**Inhalation** IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Consult a physician.\*\*\*

**Ingestion** Rinse mouth. Do NOT induce vomiting. Consult a physician.\*\*\*

### 4.2. Most important symptoms and effects, both acute and delayed

**Eye contact** Not classified. Contact with eyes may cause irritation.\*\*\*

**Skin contact** Not classified. Repeated exposure may cause skin dryness or cracking. Reddening, irritation.\*\*\*

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<b>Inhalation</b>	Not classified. Inhalation of vapors in high concentration may cause irritation of respiratory system.
<b>Ingestion</b>	Not classified. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** Treat symptomatically.

### Section 5: FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing media

**Suitable Extinguishing Media** Water spray or fog. Foam. Dry powder. Carbon dioxide (CO<sub>2</sub>).\*\*\*

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.\*\*\*

#### 5.2. Special hazards arising from the substance or mixture

**Special Hazard** Thermal decomposition can lead to release of irritating and toxic gases and vapors.\*\*\*

#### 5.3. Advice for fire-fighters

**Special protective equipment for fire-fighters** Wear self-contained breathing apparatus and protective suit.

**Other information** Cool containers / tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### Section 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal precautions, protective equipment and emergency procedures

**General Information** Do not touch or walk through spilled material. Contaminated surfaces will be extremely slippery. Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition.\*\*\*

#### 6.2. Environmental precautions

**General Information** Do not allow material to contaminate ground water system. Try to prevent the material from entering drains or water courses. Local authorities should be advised if significant spillages cannot be contained.\*\*\*

#### 6.3. Methods and materials for containment and cleaning up

**Methods for cleaning up** Dam up. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.\*\*\*

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### 6.4. Reference to other sections

**Personal Protective Equipment** See Section 8 for more detail.

**Waste treatment** See section 13.

### Section 7: HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

**Advice on safe handling** When using, do not eat, drink or smoke. For personal protection see section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.\*\*\*

**Prevention of fire and explosion** Take precautionary measures against static discharges: Ground/bond containers, tanks and transfer/receiving equipment.\*\*\*

**Hygiene measures** Ensure the application of strict rules of hygiene by the personnel exposed to the risk of contact with the product. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Do not use abrasives, solvents or fuels. Do not dry hands with rags that have been contaminated with product. Do not put product contaminated rags into workwear pockets.\*\*\*

#### 7.2. Conditions for safe storage, including any incompatibilities

**Technical measures/Storage conditions** Keep away from food, drink and animal feedingstuffs. Keep in a banded area. Keep container tightly closed. Keep preferably in the original container. Otherwise reproduce all indication of the regulation label on the new container. Do not remove the hazard labels of the containers (even if they are empty). Design the installations in order to avoid accidental emissions of product (due to seal breakage, for example) onto hot casings or electrical contacts. Protect from frost, heat and sunlight. Protect from moisture.\*\*\*

**Materials to Avoid** Strong oxidizing agents.\*\*\*

#### 7.3. Specific end uses

**Specific use(s)** No information available.\*\*\*

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

**Exposure limits** Do not contain substance with european workplace exposure limits in concentration above regulatory thresholds

**Legend** See section 16

#### 8.2. Exposure controls

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### Occupational Exposure Controls

#### Engineering Measures

Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.

#### Personal Protective Equipment

##### General Information

If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.

##### Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Respirator with combination filter for vapour/particulate (EN 14387). Type A/P1. The use of breathing apparatus must comply strictly with the manufacturer's instructions and the regulations governing their choices and uses.\*\*\*

##### Eye Protection

If splashes are likely to occur, wear: Safety glasses with side-shields.

##### Skin and body protection

Wear suitable protective clothing. Protective shoes or boots. Long sleeved clothing.

##### Hand Protection

Hydrocarbon-proof gloves. Fluorinated rubber. Nitrile rubber. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the EC approved gloves.

### Environmental exposure controls

#### General Information

The product should not be allowed to enter drains, water courses or the soil.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

Appearance

Color

Physical State @20°C

Odor

limpid

yellow To amber

liquid

Characteristic

#### Property

pH \*\*\*

Melting point/range \*\*\*

\*\*\*

#### Values

\*\*\*

\*\*\* -51\*\*\* °C\*\*\*

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#### Remarks

Not applicable\*\*\*

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\*\*\*

#### Method

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Boiling point/boiling range

Not applicable

Flash point

254 °C

489 °F

Evaporation rate

No information available

Flammability Limits in Air

No information available

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upper ***	- ***	No information available***	***
Lower ***	- ***	No information available***	***
Vapor Pressure ***	<*** 110*** kPa***	***	***
Vapor density		No information available	
Relative density ***	*** 0.984***	@ 15 °C***	***
Density	984 kg/m <sup>3</sup>	@ 15 °C	
Water solubility		Insoluble	
Solubility in other solvents		No information available	
logPow		No information available***	
Autoignition temperature ***		No information available***	
Viscosity, kinematic	32 mm <sup>2</sup> /s	@ 40 °C	ISO 3104
Explosive properties	Not explosive		
Oxidizing Properties	No information available		
Possibility of hazardous reactions	No information available		

9.2. Other information

Freezing Point \*\*\* No information available\*\*\*

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

General Information No dangerous reaction known under conditions of normal use.\*\*\*

10.2. Chemical stability

Stability Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous Reactions None under normal processing.

10.4. Conditions to Avoid

Conditions to Avoid Heat (temperatures above flash point), sparks, ignition points, flames, static electricity.\*\*\*

10.5. Incompatible Materials

Materials to Avoid Strong oxidizing agents.\*\*\*

10.6. Hazardous Decomposition Products

Hazardous Decomposition Products None under normal use.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity Local effects Product Information

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<b>Skin contact</b>	. Not classified. Repeated exposure may cause skin dryness or cracking. Reddening, irritation.***
<b>Eye contact</b>	. Not classified. Contact with eyes may cause irritation.***
<b>Inhalation</b>	. Not classified. Inhalation of vapors in high concentration may cause irritation of respiratory system.
<b>Ingestion</b>	. Not classified. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### Acute toxicity - Component Information

#### Sensitization

**Sensitization** Not classified as a sensitizer.

#### Specific effects

**Carcinogenicity** This product is not classified carcinogenic.  
**Mutagenicity** This product is not classified as mutagenic.  
**Reproductive toxicity** This product does not present any known or suspected reproductive hazards.

#### Repeated Dose Toxicity

**Subchronic toxicity** No information available.

#### Target Organ Effects (STOT)

**Target Organ Effects (STOT)** No information available.

#### Other information

**Other adverse effects** Characteristic skin lesions (pimples) may develop following prolonged and repeated exposures (contact with contaminated clothing).

### Section 12: ECOLOGICAL INFORMATION

#### 12.1. Toxicity

Not classified.

#### Acute aquatic toxicity - Product Information

No information available.

#### Acute aquatic toxicity - Component Information

No information available.

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### Chronic aquatic toxicity - Product Information

No information available.

### Chronic aquatic toxicity - Component Information

No information available.

### Effects on terrestrial organisms

No information available.\*\*\*

## 12.2. Persistence and degradability

### **General Information**

No information available.

## 12.3. Bioaccumulative potential

### **Product Information**

No information available.

### **logPow**

No information available.\*\*\*

### **Component Information**

No information available.\*\*\*

## 12.4. Mobility in soil

### **Soil**

Given its physical and chemical characteristics, the product generally shows low soil mobility.\*\*\*

### **Air**

Loss by evaporation is limited.\*\*\*

### **Water**

Insoluble. The product spreads on the surface of the water.\*\*\*

## 12.5. Results of PBT and vPvB assessment

### **PBT and vPvB assessment**

No information available.

## 12.6. Other adverse effects

### **General Information**

No information available.\*\*\*

## Section 13: DISPOSAL CONSIDERATIONS

## 13.1. Waste treatment methods

### **Waste from Residues / Unused Products**

Should not be released into the environment. Dispose of in accordance with the European Directives on waste and hazardous waste. Dispose of in accordance with local regulations. Where possible recycling is preferred to disposal or incineration. After use, this oil must be sent to a licensed waste oil facility. Incorrect disposal of used oil poses a risk to the environment. Mixture with other waste types such as solvents, brake- and cooling liquids is forbidden.

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### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.\*\*\*

### EWC Waste Disposal No.

The following Waste Codes are only suggestions: 13 02 06. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

## Section 14: TRANSPORT INFORMATION

ADR/RID Not regulated

IMDG/IMO Not regulated

ICAO/IATA Not regulated

ADN Not regulated

## Section 15: REGULATORY INFORMATION

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

European Union

Further information

No information available\*\*\*

### 15.2. Chemical Safety Assessment

**Chemical Safety Assessment** No information available

## Section 16: OTHER INFORMATION

### Abbreviations, acronyms

Legend Section 8

TWA: Time Weight Average

STEL: Short Time Exposure Limit

+ Sensitizer

\*\* Hazard Designation

M: Mutagen

\*

C:

R:

Skin designation

Carcinogen

Toxic to reproduction

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**Revision Date:** 2015-08-24  
**Revision Note** \*\*\* Indicates updated section.

**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

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**This safety data sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The regulatory texts indicated herein are intended to aid the user to fulfil his obligations. This list is not to be considered complete and exhaustive. It is the user's responsibility to ensure that he is subject to no other obligations than those mentioned.**

**End of the safety data sheet**

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