



GRAISSE PTFE = NL-76400-00500 & NL-78400

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 26/02/2016

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : PTFE grease

Product code : NL-76400-00500 & NL-78400

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

1.2.1. Relevant identified uses

Metalworking fluid - neat.

For specific application advice see appropriate Technical Data Sheet or consult our company representative.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Name : VAR.

Address: 19 AVENUE GUSTAVE EIFFEL

28630 GELLAINVILLE

FRANCE

Phone: +33 (0) 2 37 33 37 10

Fax: +33 (0) 2 37 33 37 17

contact@vartools.com

<http://www.vartools.com>

1.4. Emergency telephone number

Emergency telephone number : +33 (0)1.45.42.59.59.

Association/Organisation: INRS/ORFILA <http://www.centres-antipoison.net>

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Titanium dioxide substance with national workplace exposure limit(s) (GB)	(CAS No) 13463-67-7 (EC no) 236-675-5 (REACH-no) 01-2119489379-17	5 - 10	Not classified

Full text of H-statements: see section 16



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SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Move the affected person away from the contaminated area and into the fresh air.
- First-aid measures after skin contact : Remove contaminated clothing and shoes. Wash skin with mild soap and water. Wash contaminated clothing before reuse.
- First-aid measures after eye contact : Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum).
- First-aid measures after ingestion : Do NOT induce vomiting. IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.

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

- Symptoms/injuries after inhalation : May cause headache, nausea and irritation of respiratory tract.
- Symptoms/injuries after skin contact : Prolonged or repeated contacts with the skin may cause dermatitis.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide. Dry chemical. Foam.
- Unsuitable extinguishing media : Do not use a heavy water stream. Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

- Hazardous decomposition products in case of fire : Toxic and irritating gases are released.

5.3. Advice for firefighters

- Firefighting instructions : Avoid (reject) fire-fighting water to enter environment. Exercise caution when fighting any chemical fire.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Do not breathe fumes from fires or vapours from decomposition.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : May be dangerously slippery if spilled.

6.1.1. For non-emergency personnel

- Protective equipment : Concerning personal protective equipment to use, see section 8.

6.1.2. For emergency responders

- Protective equipment : Concerning personal protective equipment to use, see section 8.

6.2. Environmental precautions

Dike and contain spill. Stop leak without risks if possible.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Collect all waste in suitable and labelled containers and dispose according to local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections

Concerning personal protective equipment to use, see section 8. For disposal of residues refer to section 13 : Disposal considerations " .

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : May be dangerously slippery if spilled.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Avoid prolonged and repeated contact with skin.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep away from food, drink and animal feeding stuffs. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Keep only in original container. Protect from moisture. Keep container closed when not in use.
- Heat and ignition sources : Keep away from heat sources, open flames, Sparks. - No smoking. Remove all sources of ignition.

7.3. Specific end use(s)

No additional information available



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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Titanium dioxide (13463-67-7)		
United Kingdom	Local name	Titanium dioxide
United Kingdom	WEL TWA (mg/m ³)	4 mg/m ³ respirable 10 mg/m ³ total inhalable

8.2. Exposure controls

Hand protection	: Chemical resistant gloves (according to European standard NF EN 374 or equivalent). Nitrile rubber gloves. Time of penetration is to be checked with the glove producer
Eye protection	: Avoid contact with eyes
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment
Other information	: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Pasty.
Colour	: white.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 60 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Material insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: > 20,5 mm ² /s (40°C)
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

Heat.



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10.5. Incompatible materials

Strong oxidizers.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Titanium dioxide (13463-67-7)	
LD50 oral rat	> 5000 mg/kg (OECD 425)
LD50 oral	> 5000 mg/kg bodyweight
LD50 dermal	> 10000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	> 6,8 mg/l/4h
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 6820 mg/l/4h

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified

3937 - GRAISSE PTFE	
Viscosity, kinematic	> 20,5 mm ² /s (40°C)

SECTION 12: Ecological information

12.1. Toxicity

Titanium dioxide (13463-67-7)	
LC50 fish 1	> 100 mg/l (96h, Oncorhynchus mykiss)
EC50 Daphnia 1	> 100 mg/l (48h, Daphnia magna)
EC50 other aquatic organisms 1	> 10000 mg/l EC50 waterflea (48 h)
EC50 other aquatic organisms 2	> 10000 mg/l IC50 algae (72 h) mg/l

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

3937 - GRAISSE PTFE	
Ecology - soil	Product adsorbs onto the soil. Material insoluble in water.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Do not discharge the product into the environment. Do not flush into surface water or sewer system

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Collect all waste in suitable and labelled containers and dispose according to local legislation.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN



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ADR	IMDG	IATA	ADN	RID
14.1. UN number				
No dangerous good in sense of transport regulations.(ADR, RID, IMDG, IATA)				
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

Carriage prohibited (ADN) : No

Not subject to ADN : No

- Rail transport

Carriage prohibited (RID) : No

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product