

# Safety Data Sheet

## GEAR BOX GREASE

Safety Data Sheet dated 4/10/2019, version 1

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

#### 1.1. Product identifier

Mixture identification:

Trade name: GEAR BOX GREASE

Trade code: GR46

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

Recommended use:

Multipurpose grease for professional use

#### 1.3. Details of the supplier of the safety data sheet

Company:

NOVA STILMOIL S.p.A. - Via Aldrovandi, 98 - 41123 MODENA (MO) Italy

Phone n. +39 (0)59 827752

Competent person responsible for the safety data sheet:

laboratorio@stilmoil.it

#### 1.4. Emergency telephone number

Phone n. +39 (0)59 827752

#### 1.5 Antipoison center(s):

AU: Umweltbundesamt GmbH Abteilung Chemikalien, Spittelauer Lände 5 - 1090 Wien - Telephone +43 1 31304 5620 - Email [sdbreg@umweltbundesamt.at](mailto:sdbreg@umweltbundesamt.at)

BE: Centre antipoisons / Antigif Centrum - Hôpital Militaire Reine Astrid Rue Bruyn 1 - 1120 Bruxelles - Tel. +32 02 264 96 36 - Fax: +32 02 264 96 46 - Email: [info@poisoncentre.be](mailto:info@poisoncentre.be)

HR: Croatian Institute for Toxicology and Antidoping, 10000 Zagreb Borongajska cesta 83 g - Fax: +385 01 46 41 368 - E-mail: [hzt@hzt.hr](mailto:hzt@hzt.hr)

CZ: Department of Chemicals and Biocides Ministry of Health, Palackého náměstí 4 CZ - 128 01 Prague 2 - Tel/fax: +420 2 2497 1111 - E-mail Poison Center (not AB): [tis@vfn.cz](mailto:tis@vfn.cz)

DE: Federal Institute for Risk Assessment (BfR) Unit: Poison and Product Documentation Centre, Max-Dohrn-Str. 8-10 - 10589 Berlin - Tel. +49 30-18412-3460 - Email: [produkt-meldungen@bfr.bund.de](mailto:produkt-meldungen@bfr.bund.de)

DK: The Danish Environmental Protection Agency, Haraldsgade 53 - 2100 København Ø - Tel: +45 72 54 40 00 - Email: [mst@mst.dk](mailto:mst@mst.dk)

ES: Instituto Nacional de Toxicología y Ciencias Forenses, Calle José Echegaray, 4 - 28032 Las Rozas de Madrid, Madrid - Tel: +34 917689800 - Email: [intcf@justicia.es](mailto:intcf@justicia.es) and [intcf.doc@justicia.es](mailto:intcf.doc@justicia.es)

FR: Centre antipoison et de toxicovigilance de Nancy, Hôpital Central 29 avenue du Maréchal de Lattre de Tassigny - 54035 Nancy Cedex - Tel : +33 3 83 22 50 50 - Email: [cap@chu-nancy.fr](mailto:cap@chu-nancy.fr)

UK: National Poisons Information Service (NPIS), National Poisons Information Service (Birmingham Unit) City Hospital Dudley Rd

B187QH - Birmingham - Emergency call (healthcare professionals): (+44) 844 892 0111 - 0344 892 0111 - Email: [director.birmingham.unit@npis.org](mailto:director.birmingham.unit@npis.org)

### SECTION 2: Hazards identification

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

EC regulation criteria 1272/2008 (CLP)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Hazard pictograms:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

#### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

GR46/1

Page n. 1 of 7

# Safety Data Sheet

## GEAR BOX GREASE

Other Hazards:  
No other hazards

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Identification of the substance:  
Trade code: GR46  
None.

#### 3.2. Mixtures

N.A.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

Treatment:

None

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media:

Water Spray

CO2 or Dry chemical fire extinguisher.

Extinguishing media which must not be used for safety reasons:

Water jets

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

Burning produces heavy smoke.

Do not inhale explosion and combustion gases.

#### 5.3. Advice for firefighters

Use suitable breathing apparatus .

### SECTION 6: Accidental release measures

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

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

#### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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

For containment:

Contain spillages small quantities of product with earth, sand or other absorbent inert material

For cleaning up:

Clear spills immediately

#### 6.4. Reference to other sections

See also section 8 and 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

GR46/1

Page n. 2 of 7

# Safety Data Sheet

## GEAR BOX GREASE

Avoid contact with skin and eyes, inhalation of vapours and mists.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Do not eat or drink while working.

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

Keep the product in the original containers stored in environments and conditions to ensure the control / maintenance of leaks.

Store away from sources of heat / ignition and exposure to sunlight.

Keep the containers tightly closed.

Ensure adequate ventilation of the premises.

Avoid the accumulation of electrostatic charges.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

### 7.3. Specific end use(s)

None in particular

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

### 8.2. Exposure controls

Eye protection:

For more information refer to the UNI-EN 166 standard.

Protection for skin:

For more information please refer to UNI-EN 465/466/467

Overall.

Protection for hands:

Disposable gloves in neoprene, nitrile or pvc.

Work gloves resistant to grease, mineral oils and solvents.

For more information refer to the UNI-EN 374 standard

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

None

## SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes
Appearance and colour:	orange	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash point:	>240°C ° C	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or	N.A.	--	--

# Safety Data Sheet

## GEAR BOX GREASE

explosive limits:			
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	< 1 kg/dm <sup>3</sup>	--	--
Solubility in water:	NO	--	--
Solubility in oil:	SI	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

### 9.2. Other information

Properties	Value	Method:	Notes
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Avoid contact with strong acids and bases and oxidizing agents

### 10.2. Chemical stability

The product is stable under normal storage conditions.

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

Stable under normal conditions.

### 10.5. Incompatible materials

None in particular.

### 10.6. Hazardous decomposition products

None.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological information of the substance:

GEAR BOX GREASE

#### a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

#### b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

#### c) serious eye damage/irritation

Not classified

Based on available data, the classification criteria are not met

#### d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

#### e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

#### f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

# Safety Data Sheet

## GEAR BOX GREASE

- g) reproductive toxicity  
Not classified  
Based on available data, the classification criteria are not met
- h) STOT-single exposure  
Not classified  
Based on available data, the classification criteria are not met
- i) STOT-repeated exposure  
Not classified  
Based on available data, the classification criteria are not met
- j) aspiration hazard  
Not classified  
Based on available data, the classification criteria are not met

### SECTION 12: Ecological information

- 12.1. Toxicity  
Adopt good working practices, so that the product is not released into the environment.  
GEAR BOX GREASE  
Not classified for environmental hazards  
Based on available data, the classification criteria are not met
- 12.2. Persistence and degradability  
N.A.
- 12.3. Bioaccumulative potential  
N.A.
- 12.4. Mobility in soil  
N.A.
- 12.5. Results of PBT and vPvB assessment  
vPvB Substances: None - PBT Substances: None
- 12.6. Other adverse effects  
None

### SECTION 13: Disposal considerations

- 13.1. Waste treatment methods  
Recover if possible. In so doing, comply with the local and national regulations currently in force.  
Additional disposal information:  
Dispose of waste and waste in accordance with local authority requirements

### SECTION 14: Transport information

- 14.1. UN number  
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name  
N.A.
- 14.3. Transport hazard class(es)  
N.A.
- 14.4. Packing group  
N.A.
- 14.5. Environmental hazards  
N.A.
- 14.6. Special precautions for user  
N.A.
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  
N.A.

### SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Dir. 98/24/EC (Risks related to chemical agents at work)  
Dir. 2000/39/EC (Occupational exposure limit values)  
Regulation (EC) n. 1907/2006 (REACH)  
Regulation (EC) n. 1272/2008 (CLP)  
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

# Safety Data Sheet

## GEAR BOX GREASE

Regulation (EU) 2015/830  
Regulation (EU) n. 286/2011 (ATP 2 CLP)  
Regulation (EU) n. 618/2012 (ATP 3 CLP)  
Regulation (EU) n. 487/2013 (ATP 4 CLP)  
Regulation (EU) n. 944/2013 (ATP 5 CLP)  
Regulation (EU) n. 605/2014 (ATP 6 CLP)  
Regulation (EU) n. 2015/1221 (ATP 7 CLP)  
Regulation (EU) n. 2016/918 (ATP 8 CLP)  
Regulation (EU) n. 2016/1179 (ATP 9 CLP)  
Regulation (EU) n. 2017/776 (ATP 10 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

Restrictions related to the substances contained:

No restriction.

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).

Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

### 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the substance.

## SECTION 16: Other information

This safety data sheet has been completely updated in compliance to Regulation 2015/830.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
ATE: Acute Toxicity Estimate  
ATEmix: Acute toxicity Estimate (Mixtures)  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
CLP: Classification, Labeling, Packaging.  
DNEL: Derived No Effect Level.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
IMDG: International Maritime Code for Dangerous Goods.  
INCI: International Nomenclature of Cosmetic Ingredients.

# Safety Data Sheet

## GEAR BOX GREASE

KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.