



FNA S.p.A.
Via Einaudi, 6 - 10070 Robassomero
Torino - Italy
Tel. +39 011 9233000

Safety Data Sheet

SYNTENERGY (Cod. #002129000, #600000010, #600000019)

Safety Data Sheet dated 28/2/2019, version 1

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

1.1. Product identifier

Mixture identification:

Trade name: SYNTENERGY

Trade code: 3064

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

Recommended use:

Lubricant for compressors

1.3. Details of the supplier of the safety data sheet

Company:

FNA S.p.A. - Via Einaudi, 6 - 10070 Robassomero (TO) Italy

Phone n. +39 (0)11 9233000

Competent person responsible for the safety data sheet:

1.4. Emergency telephone number

1.5 Antipoison center(s):

AU: Umweltbundesamt GmbH Abteilung Chemikalien, Spittelauer Lände 5 - 1090 Wien - Telephone +43 1 31304 5620 - Email 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

HR: Croatian Institute for Toxicology and Antidoping, 10000 Zagreb Borongajska cesta 83 g - Fax: +385 01 46 41 368 - E-mail: 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

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

DK: The Danish Environmental Protection Agency, Haraldsgade 53 - 2100 København Ø - Tel: +45 72 54 40 00 - Email: 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 and 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

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

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

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

Hazard pictograms:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None



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Special provisions according to Annex XVII of REACH and subsequent amendments:
Restricted to professional users.

- 2.3. Other hazards
vPvB Substances: None - PBT Substances: None
Other Hazards:
No other hazards

SECTION 3: Composition/information on ingredients

- 3.1. Substances
N.A.
3.2. Mixtures
Hazardous components within the meaning of the CLP regulation and related classification:
None.

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:
CO2 or Dry chemical fire extinguisher.
Water Spray
Extinguishing media which must not be used for safety reasons:
Water jets
5.2. Special hazards arising from the substance or mixture
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.
6.3. Methods and material for containment and cleaning up
For containment:



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- Contain spillages small quantities of product with earth, sand or other absorbent inert material
- 6.4. Reference to other sections
See also section 8 and 13

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
Avoid contact with skin and eyes, inhalation of vapours and mists.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.
- 7.2. Conditions for safe storage, including any incompatibilities
Store away from sources of heat / ignition and exposure to sunlight.
Ensure adequate ventilation of the premises.
Keep the containers tightly closed.
Keep the product in the original containers stored in environments and conditions to ensure the control / maintenance of leaks.
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:
safety glasses
Protection for skin:
Overall.
Protection for hands:
Disposable gloves in neoprene, nitrile or pvc.
Work gloves resistant to garlic, mineral oils and solvents.
Respiratory protection:
If the operational methods and other means of limiting worker exposure are not adequate (in order to meet the exposure limits specified in paragraph 8) other means of respiratory protection are necessary.
Masks with cartridge for organic vapors and for powders / mists
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:	Liquid,light	--	--

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	yellow		
Odour:	caratteristico	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash point:	>200°C ° C	ASTM D92 (C.O.C.)	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	0.832 Kg/dm3	ASTM D 1298	--
Solubility in water:	Insolubile	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	32 cSt @40°C	ASTM D 445	--
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

Keep away from naked flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

Strong acids and bases, oxidants

10.6. Hazardous decomposition products

Carbon oxides, nitrogen oxides, zinc, sulfur and phosphorus

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological information of the product:

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- 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
- 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

Toxicological information of the main substances found in the product:
N.A.

SECTION 12: Ecological information

- 12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
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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



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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
 - 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:
Restriction 28
- 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 mixture.

SECTION 16: Other information



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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.
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.