

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Agip Emulgator Additiv PT, Art.-no. 0868
Revision date : 01.04.2015
Print date : 28.04.2015

Version (Revision) : 3.0.0 (2.0.0)

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

1.1 Product identifier

Agip Emulgator Additiv PT

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

Relevant identified uses

Metal working fluids

Uses advised against

No information available.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/downstream user/distributor)

Eni Schmiertechnik GmbH

Street : Paradiesstraße 14

Postal code/city : 97080 Würzburg

Telephone : (+49) 931-90098-0

Telefax : (+49) 931-98442

Information contact : Technical Department, Tel. (+49) 931 900 98-142

email: technik.wuerzburg@agip.de, www.enischmiertechnik-datenblaetter.de

1.4 Emergency Telephone Number

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Acute Tox. 4 ; H302 - Acute toxicity (oral) : Category 4 ; Harmful if swallowed.

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

2.2 Label elements

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

Hazard pictograms



Corrosion (GHS05) · Exclamation mark (GHS07)

Signal word

Danger

Hazard components for labelling

isodecanol, ethoxylated ; CAS No. : 61827-42-7

Hazard statements

H318 Causes serious eye damage.

H302 Harmful if swallowed.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Agip Emulgator Additiv PT, Art.-no. 0868
Revision date : 01.04.2015
Print date : 28.04.2015

Version (Revision) : 3.0.0 (2.0.0)

P501 Dispose of contents/container according to national legislations.

2.3 Other hazards

No information available.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Description

Mixture of substances listed below with nonhazardous additions.

Hazardous ingredients

isodecanol, ethoxylated ; CAS No. : 61827-42-7

Weight fraction : < 98 %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Change contaminated, saturated clothing. When in doubt or if symptoms are observed, get medical advice.

In case of inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a physician immediately.

Self-protection of the first aider

Protect your self against exposure to chemicals or blood-borne diseases by wearing gloves and eye protection. After providing first aid wash your exposed skin with soap and water.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam Carbon dioxide (CO₂), Extinguishing powder, Water spray jet,

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire may be liberated: Carbon monoxide, Carbon dioxide (CO₂), Nitrogen oxides (NO_x), Smoke and other

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Agip Emulgator Additiv PT, Art.-no. 0868
Revision date : 01.04.2015
Print date : 28.04.2015

Version (Revision) : 3.0.0 (2.0.0)

incomplete combustion products.

5.3 Advice for firefighters

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Avoid contact with skin, eyes and clothes. Provide adequate ventilation. Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

For containment

Cover drains. Stop and contain spill/release if it can be done safely. Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up

Wipe up with absorbent material (eg. cloth, fleece). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal.

6.4 Reference to other sections

See Section 8 for information on appropriate personal protective equipment.

See Section 12 for environmental precautions.

See Section 13 for additional waste treatment information.

6.5 Additional information

Never return spills in original containers for re-use.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear personal protection equipment (see chapter 8). Open and handle container with care. Do not breathe vapour/spray. Use only in well-ventilated areas.

Protective measures

Measures to prevent fire

Usual measures for fire prevention.

Advices on general occupational hygiene

When using do not eat, drink, smoke. Wash hands before breaks and after work.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed.

Hints on joint storage

Keep away from food, drink and animal feeding stuff

Storage class : 10

Further information on storage conditions

Storage stability : Product may be stored for up to 12 months under described conditions.

7.3 Specific end use(s)

None

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Agip Emulgator Additiv PT, Art.-no. 0868
Revision date : 01.04.2015
Print date : 28.04.2015

Version (Revision) : 3.0.0 (2.0.0)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No information available.

DNEL/DMEL and PNEC values

DNEL/DMEL

No DNEL / DMEL-values available.

PNEC

No DNEL-values available.

8.2 Exposure controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Personal protection equipment

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Eye/face protection

Eye glasses with side protection (DIN EN 166)

Skin protection

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Tested protective gloves must be worn: (DIN EN 166)

Suitable material : NBR (Nitrile rubber),

Breakthrough time (maximum wearing time): : Level 4 > 120 min

Thickness of the glove material: : 0,50 mm

Remark : For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Body protection

If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.

Respiratory protection

Usually no personal respiratory protection necessary. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Suitable respiratory protection apparatus

Combination filtering device (EN 14387)

General health and safety measures

The usual precautionary measures for the handling of chemicals have to be observed. When using do not eat, drink, smoke. Wash hands before breaks and after work. Wash contaminated clothing prior to re-use.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : colourless

Odour : characteristic

Safety relevant basis data

pH value : (20 °C / 1 %) 6 - 7,5

Melting point/melting range : (1013 hPa) No data available

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Agip Emulgator Additiv PT, Art.-no. 0868
Revision date : 01.04.2015
Print date : 28.04.2015

Version (Revision) : 3.0.0 (2.0.0)

Boiling temperature :	(1013 hPa)	>	250	°C	
Flash point :		>	250	°C	DIN EN ISO 2592
Flammability (Solid, Gas):				not applicable	
Lower explosion limit :				No data available	
Upper explosion limit :				No data available	
Vapour Density (Air = 1):				no data available	
Vapour Pressure :	(20 °C)			no data available	
Evaporation Rate :				no data available	
Density :	(20 °C)		1	g/cm ³	DIN EN ISO 12185
Water solubility :	(20 °C)			miscible	
Partition Coefficient (n-octanol/water):	(log Pow)			no data available	
Ignition temperature :				No data available	
Cinematic viscosity :	(40 °C)			No data available	DIN EN ISO 3104
Decomposition temperature :				No data available	
Odour threshold :				No data available	
Oxidizing Properties:				no data available	
Explosive Properties:				no data available	
Maximum VOC content (EC) :			0	Wt %	
Maximum VOC content (Switzerland) :			0	Wt %	

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Oxidising agent, strong.

10.6 Hazardous decomposition products

Hazardous decomposition products are not expected to form during normal storage.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Harmful by inhalation and if swallowed.
No information available for acute dermal and inhalative toxicity

Irritant and corrosive effects

Primary irritation to the skin

Not an irritant.

Irritation to eyes

Causes serious eye damage.

Sensitisation

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Agip Emulgator Additiv PT, Art.-no. 0868
Revision date : 01.04.2015
Print date : 28.04.2015

Version (Revision) : 3.0.0 (2.0.0)

not sensitising.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No information available.

Germ cell mutagenicity/Genotoxicity

No information available.

Reproductive toxicity

No information available.

Specific target organ toxicity (single exposure)

STOT SE 1 and 2

Not expected to cause organ damage from a single exposure.

Specific target organ toxicity (repeated exposure)

STOT RE 1 and 2

Not expected to cause organ damage from prolonged or repeated exposure.

Aspiration hazard

Based on the available data the classification criteria for aspiration toxicity are not met. For viscosity data, see chapter 9.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Harmless to aquatic organisms up to the tested concentration

Acute (short-term) fish toxicity

Parameter : LC50
Effective dose : > 100 mg/l
Exposure time : 96 h

Acute (short-term) daphnia toxicity

Parameter : EC50
Effective dose : > 100 mg/l
Exposure time : 48 h

Acute (short-term) algae toxicity

Parameter : IC50
Effective dose : > 100 mg/l
Exposure time : 72 h

12.2 Persistence and degradability

Readily biodegradable (according to OECD criteria).

Biodegradation

Analytical method : Biodegradation
Degradation rate : > 60 %
Time : 28 days
Evaluation : Readily biodegradable (according to OECD criteria).
Method : OECD 301D/ EEC 92/69/V, C.4-E

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Agip Emulgator Additiv PT, Art.-no. 0868
Revision date : 01.04.2015
Print date : 28.04.2015

Version (Revision) : 3.0.0 (2.0.0)

12.6 Other adverse effects

No information available.

12.7 Further ecological information

Do not allow uncontrolled discharge of product into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste treatment options

Appropriate disposal / Product

Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

Appropriate disposal / Package

Completely emptied packages can be recycled.

SECTION 14: Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

National regulations

Water hazard class (WGK)

Class : 2 (Hazardous to water) Classification according to VwVwS

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

03. Substances · 07. Hints on joint storage - Storage class

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Agip Emulgator Additiv PT, Art.-no. 0868
Revision date : 01.04.2015
Print date : 28.04.2015

Version (Revision) : 3.0.0 (2.0.0)

16.2 Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Regulation for Classification, Labelling and Packaging
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effective concentration, 50 percent
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

16.3 Key literature references and sources for data

Sources of information used in preparing this SDS included one or more of the following: Product Dossiers and SDS from suppliers, complemented by public sources, as appropriate (GESTIS, the EU IUCLID Data Base, U.S. NTP publications, e.g.).

16.4 Relevant H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H318	Causes serious eye damage.

16.5 Training advice

Provide adequate information, instruction and training for operators.

16.6 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
