

# Part I SAFETY DATA SHEET ATF CVT

Dated December 13, 2014 and numbered 29204, "Ministry of Environment and Urbanization Regarding Hazardous Substances and Mixtures

It has been arranged in accordance with the provisions of the "Regulation on Safety Data Sheets".

#### PART 1: Identity of the substance / mixture and company / distributor

#### 1.1. Substance / Mixture identity

Name of the product ATF CVT

Item number 12210

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

Automatic Transmission and Transmission Oil

Uses not recommended This product can be used without the recommendation of the supplier in advance.

It should not be used outside of applications.

## 1.3. Information of the supplier of the safety data sheet Contact

person Customer Service: mineiyag@petrolofisi.com.tr

Producer PETROL OFISI A.Ş.

Ünalan Mahallesi, Libadiye Caddesi No: 82F Kat: 2-3-4, 34700 Üsküdar / Istanbul Tel: +90 850 339

1919

Fax: +90 216 275 3854 miningiyag@petrolofisi.com.tr

### 1.4. Emergency phone number

Emergency phone number Mineral Oil Customer Services: 0850 339 1919 (working hours)

National emergency phone Emergency Health Services: 112 National Poison Information Center (UZEM): 114

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

Classification TC 28848

Physical damages Not classified as harmful

Health hazards Not classified as harmful

Environmental damages Not classified as harmful

2.2. Label elements

Hazard Statements NC Not classified as Harmful

Precautionary statements P410 + P403 Protect from sunlight. Store in a well ventilated area. P501 Dispose of contents / container

in accordance with national regulations.

P280 Wear protective gloves / protective clothing / eye protection / face protection. P270 Do not eat, drink or smoke when using this product. P261 Avoid breathing dust / mist / gas / mist / vapor /

spray.

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#### 2.3. Other damages

This product is not classified as PBT or vPvB according to current EU criteria. As supplied, the material does not contain any health hazards.

### SECTION 3: Composition / information on ingredients

#### 3.2. Mixtures

Distilltes (petroleum), hydrotreated heavy paraffinic baseoil

80-95%

CAS number: 64742-54-7

Classification

Asp. Full. 1- H304

Methacrylate copolymer

5-10%

CAS number: -

Classification

Eye Irrit. 2- H319

Lubricating oils (petroleum), C15-30, hydrotreated neutral oilbased

1-5%

CAS number: 72623-86-0

Classification

Asp. Full. 1- H304

The full text of the hazard statements is given in Section 16.

Reviews on the composition

DMSO contents of some substances are classified by the manufacturer as <3% according to IP 346.

Content notes

If the REACH registration numbers are not visible, the substance is either exempted from registration, the minimum volume threshold for registration

cannot meet, the registration date has not come yet, or this information is registered information. See Section 8 for occupational exposure limits.

### **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

General information

In case of contact with skin, wash with soap and plenty of water. Any clothing that comes into contact with it must be removed. If skin irritation persists, medical attention may be required. In case of contact with eyes, it should be washed with plenty of water. If there are contact lenses, they should be removed after the first intervention. Continue washing with plenty of water for at least 15 minutes. If eye irritation is persistent, medical attention is required. Personal protective equipment should be used to minimize first aid. If symptoms persist, it requires medical attention. In case of inhalation, go to fresh air. If breathing difficulties occur, medical attention may be required.

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Breathing Take the injured person into the open air and make sure they are in a position where they can breathe. If

discomfort continues, seek medical attention.

Swallowing Seek medical help immediately. Do not try to induce vomiting. Consult a doctor for specific advice.

Skin contact It is important to remove the substance immediately from the skin. Clean the remaining parts of the skin. Remove contaminated

clothing immediately and wash skin with soap and water. If symptoms are severe or persistent after washing, seek medical attention. If

in doubt, seek medical advice immediately.

Eye contact If liquid has gotten into eyes, follow these steps: Rinse immediately with plenty of water. Remove contact lenses, and open the

eyelids wide. Continue flushing for at least 15 minutes and seek medical attention. Do not rub your eyes.

First aid workers

First aid personnel should wear appropriate protective equipment during rescue.

preservation

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

information Treat symptomatically.

Breathing May cause respiratory irritation.

Swallowing May be harmful if swallowed.

Skin contact May cause irritation.

Eye contact May cause serious eye irritation.

## 4.3. Indication of any medical attention and special treatment needed Information to be

given to the doctor No specific treatment is recommended. Treat according to symptoms.

Special treatments Treat symptomatically.

#### **SECTION 5: Firefighting measures**

#### 5.1. Fire extinguishers

Suitable extinguishing agents Not applicable.

Unsuitable extinguisher Unknown

substances

measures

### $\begin{tabular}{ll} \bf 5.2. \ Special \ hazards \ arising \ from \ the \ substance \ or \ mixture \ Special \ hazards \end{tabular}$

In case of fire toxic and corrosive gases may be formed.

Harmful combustion products Carbon dioxide (CO2). Carbon monoxide (CO).

## 5.3. Advice for firefighters

During fire fighting preservative to be taken

Keep adjacent containers cool by spraying water. If possible, remove containers from the danger zone. take away. If the fire cannot be extinguished, the only thing to do is evacuate the building immediately.

Control residual material in the affected areas to prevent material from entering drains (sewers), arc and waterways. Dispose of fire debris and contaminated fire extinguishing water in accordance with legal

regulations.

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For firefighters Positive pressure self-contained breathing apparatus and suitable protective clothing

special protective equipment get dressed. Wear special protective clothing.

#### **SECTION 6: Accidental release measures**

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

Personal precautions Keep unnecessary and unprotected persons away from spillage. Do not touch or walk on spilled material. Avoid

inhalation of vapors and contact with skin and eyes. Wear appropriate protective equipment such as gloves, protective goggles / face shield, respirator, boots, clothing or apron. Pay attention to slippery floors and surfaces

in case of spillage.

Emergency personnel Necessary precautions should be taken so that personnel who do not have proper training do not interfere.

for those who are not

Emergency responders Wear protective clothing as shown in section 8 of this safety data sheet. Appropriate

for persons ventilation should be provided.

6.2. Environmental measures

Environmental measures Avoid uncontrolled release of the product to the environment. If the product has caused environmental pollution,

inform the relevant authorities. Apply appropriate protective measures to prevent spilled material from entering water

sources, drains, drains, soil.

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

Spill removal methods Small Spills: Wipe up waste with an absorbent cloth and dispose of safely. Enough

provide ventilation. Be aware that floors and other surfaces can be slippery in case of spillage. Do not touch or walk on spilled material. Remove containers from spill area. If safe, stop leak. Large Spills: Absorb spill in oil-absorbent material. Collect waste and place it in suitable waste disposal containers and seal tightly. Collect spillage in sealed containers with the help of a licensed waste disposer (person, institution, organization) for recovery or disposal. Containers with spillage must be properly labeled with the correct content and hazard indication. Inform authorities in case of large spillages. If possible, stop the leak provided there is no danger. DO NOT touch the spilled substance! It is forbidden to run or release into sewers, waterways or soil.

6.4. Reference to other sections

Reference to other sections See Section 1 for emergency contact information. For personal protection see section 8. See Section 11 for

additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste

disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions For proper personal protection use protective equipment as shown in section 8 of this safety data sheet.

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Advice on general occupational

hygiene

No food, drink or smoking should be allowed in areas where the product is handled. Proper ventilation should be provided in the areas where the product is used. Provide eyewash and safety shower. Good personal hygiene procedures should be followed. Wash hands at the end of each work shift and before eating, smoking or using the toilet. Avoid breathing the vapor / mist of the product.

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

Storage measures

Store in a confined area with a bund to prevent leakage into drains and / or water sources. Store in tightly closed original packaging in a dry, cool and well-ventilated place. Keep containers upright. Keep away from food, drink and animal feedingstuffs. Protect from freezing and direct sunlight. Store only in properly labeled containers. Store in a suitable, well-ventilated environment.

#### 7.3. Specific end use (s)

Specific end use (s)

The identified uses for this product are detailed in Section 1.2. It should be used as specified in the

product data sheet. Directions for use

## SECTION 8: Exposure Controls / personal protection

#### 8.1. Control parameters

Occupational exposure limits

Base Oil; TWA: 5 mg / m3, ACGIH (United States) Base Oil;

TWA: 5 mg / m3, OSHA (United States)

DNEL

64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic DNEL: 2.7 (8h) mg / m3 (long term inhalation working systemic) DNEL: 5.4 (8h) mg / m3 (long term inhalation working local) DNEL: 1.2 (24h) mg / m3 (long term inhalation consumer local) DNEL: 0.74 (24h) mg / kg / day (long term oral consumer systemic) DNEL: 1.0 (8h) mg / kg (long term inhalation consumer local) period dermal working systemic)

#### 8.2. Exposure controls Protective

#### equipment











## Proper engineering controls

This product should not be used under conditions of poor ventilation. Provide adequate general and local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid breathing vapors and spray / mists. Ensure operators are trained to minimize exposure.

Personal protection Personal protective equipment (PPE) should meet recommended national standards. Check with PPE

suppliers.

Eye / Face protection

Personal protective equipment used for eye and face protection must comply with the TS / EN 166 Standard.

Protective face mask should be used in operations that may splash to the face.

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#### Hand protection

If the risk assessment indicates that skin contact is possible, chemical resistant waterproof gloves complying with an approved standard should be used. To protect hands against chemicals, gloves must comply with the TS / EN 374 Standard. When used for mixtures, the protection time of gloves cannot be precisely known. The most suitable glove should be selected in consultation with the glove distributor / manufacturer, who can provide information on the breakthrough time of the glove material. According to the data provided by the glove manufacturer, check that the gloves maintain their protective properties throughout use, and if any deterioration is detected, change the gloves as soon as possible.

#### Other skin and body protection

Avoid contact with skin. Wear suitable protective clothing that protects against splashing and contamination. In case of prolonged exposure and / or high concentration of vapors, sprays or mists, use appropriate protective equipment. For information on material and design requirements and test methods, refer to the Personal Protective Equipment Standard TS / EN 1149. Provide eyewash and safety shower.

#### Health measures

Wash hands thoroughly after handling. When removing contaminated clothing, be careful to avoid contact with contaminants. Wash hands at the end of each work shift and before eating, smoking or using the toilet. Eye wash units and emergency shower facilities should be available when working with this product. Clean equipment and work area daily.

## Respiratory system

preservation

Make sure that all respiratory protective equipment is suitable for its intended use and is 'CE' marked. If air pollution is above an acceptable level, use an approved respirator. No specific recommendation has been made, but chemical cartridge protection may still be mandatory for organic dusts / vapors known to be toxic. If exposure to hydrocarbon vapor is possible, appropriate respirator should be used. The instructions for use of the manufacturer of the inhaler must be strictly followed.

Thermal damages

There is no suitable information.

Environmental exposure

controls

Store in a confined area with a bund to prevent leakage into drains and / or water sources. Containers should be kept tightly sealed when not in use. Residues and empty containers should be treated as hazardous waste in accordance with local and national provisions.

### **SECTION 9: Physical and Chemical Properties**

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

Liquid.

Color

Brownish.
Characteristic

Odor threshold

There is no specific test data available

рН

Smell

Scientifically unjustified.

Melting point / freezing point There is no specific test data available

Initial boiling point and There is no specific test data available.

boiling range

Flash point

 $\geq$  220  $^{\circ}$  C Cleveland open cup.

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**Evaporation rate** There is no specific test data available. There is

**Evaporation factor** no specific test data available. There is no

Flammability (solid, gas) specific test data available. There is no specific

Upper / Lower flammability or

explosive limits

test data available.

Other flammability There is no specific test data available. There is

Vapor pressure no specific test data available. There is no

Vapor density specific test data available. There is no specific

Relative density test data available. There is no specific test data

Volumetric density available. It is insoluble in water.

Resolution (s)

Partition coefficient There is no specific test data available. There is

**Self ignition** no specific test data available.

temperature

**Decomposition temperature**There is no specific test data available.

Viscosity  $> 30 \text{ cSt} @ 40 ^{\circ} \text{ C } 6.8-8 \text{ cSt} @ 100 ^{\circ} \text{ C Not}$ 

considered explosive. No data available.

Explosive under the influence

Explosive properties

of flame

Oxidizing properties The mixture itself has not been tested, but none of the ingredients meet the criteria for classification as

an oxidizer.

**Descriptions** The information given can be applied to the product as presented.

9.2. Other informations

Other informations Required information is not available.

**Refractive index** There is no specific test data available. There is

Particle size no specific test data available. There is no

Molecular weight specific test data available. There is no specific

Volatility test data available. There is no specific test data

Saturation concentration available. There is no specific test data available

Critical temperature There is no specific test data available.

Volatile organic compound

SECTION 10: Stability and reactivity

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10.1. Reaction

Reaction There are no known reactive hazards associated with this product. The product is stable under normal conditions.

10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Hazardous reaction will not occur under normal conditions of storage and use.

10.4. Conditions to avoid Conditions to avoid There is no known situation that could result in dangerously.

10.5. Incompatible materials

Incompatible materials A special substance likely to create a hazardous situation, or

there is no item group.

10.6. Hazardous decomposition products

Hazardous decomposition products In complete combustion, dangerous gases including smoke, carbon dioxide and carbon monoxide are produced.

#### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects Toxic

effects The information given is based on the data of the components and similar products.

Other health effects There is no suitable information.

Acute toxicity - oral Summary

Based on available data, it does not meet the classification criteria.

Notes (oral LD<sub>50</sub>) 64742-54-7 distillates (petroleum), hydrotreated heavy paraffinic: LD<sub>50</sub>> 5000 mg / kg, Oral, Rat LOAEL 125 mg / kg /

 $day,\,Oral,\,Rat\,\,NOAEL\,\, \geq 150\,\,mg\,/\,\,kg\,/\,\,day,\,Oral,\,Mouse\,\,NOAEL\,\,125\,\,mg\,/\,\,kg\,/\,\,day,\,Oral,\,Rat\,\,NOEL\,\, \geq 100\,\,(72h)\,\,mg\,/\,\,l,\,\,NOAEL\,\, \geq 100\,\,mg\,/\,\,l,\,\,NOAEL\,\, \geq 100$ 

Oral, pseudokirchneriella subcapitata NOEC

> 100 mg / I, Oral, Fish NOAEL> 980 mg /  $\mbox{m}^{\mbox{\scriptsize 3}},$  Oral, Rat

Acute toxicity - dermal Summary

Based on available data, it does not meet the classification criteria.

Notes (dermal LD<sub>50</sub>) 64742-54-7: Distillates (petroleum), hydrotreated heavy paraffinic: LD<sub>50</sub>> 5000 mg / kg, Dermal, Rabbit Base Oil: LD<sub>50</sub>>

 $5000 \; mg \, / \, kg, \, Dermal, \, Rabbit \, Long \, chain \, alkyl \, amine, \, alkyl \, phosphoric \, acid \, salt: \, LD_{50} > \, 2000 \, mg \, / \, kg, \, Dermal, \, Rabbit \, LO_{50} > \, 2000 \, mg \, / \,$ 

Acute toxicity - inhalation

Summary Based on available data, it does not meet the classification criteria.

Notes (inhalation LC<sub>50</sub>) Base Oil: LC50> 5000 mg / m³, Inhalation, Rat 64742-54-7: Distillates (petrol), hydrotreated heavy paraffinic: LC50

5,53 (4h) mg / I, Inhalation, Rat

Skin corrosion / irritation

Summary Based on available data, it does not meet the classification criteria.

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Serious eye damage / irritation Based on available data, it does not meet the classification criteria. Summary Serious eye damage / irritation The product contains an ingredient that causes eye irritation. Respiratory sensitization Based on available data, it does not meet the classification criteria. Summary Skin sensitization Based on the available data, the product is not expected to have a skin sensitizing effect. Summary Germ cell mutagenicity Based on the available data, the product is not expected to cause genetic damage. Summary Carcinogenicity Summary This product mainly consists of mineral base oils. The base oils in this product are refined. Reproductive toxicity There is no test data showing that this product is toxic to the reproductive system. Summary Specific target organ toxicity - single exposure Summary No data available. Specific target organ toxicity - repeated exposure Summary No data available. Aspiration hazard Based on available data, it does not meet the classification criteria. The product Summary Aspiration hazard contains a component with aspiration toxicity. Toxicokinetics Required information is not available.

General information The information given is based on the data of the components and similar products. No

Breathing data available.

Swallowing No data available.

Contact with skin No data available.

Eye contact The product is not classified as an eye irritant. The product contains components that can cause eye irritation /

damage.

Acute and chronic health hazards There is not enough data.

Contact ways There is no suitable information.

 Target organs
 There are no known specific target organs.

Medical symptoms There is not enough information.

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Medical opinions There is not enough information.

SECTION 12: Ecological information

**Ecotoxicity** Not known.

12.1. Toxicity

**Toxicity** There is not enough data.

Acute aquatic toxicity

Acute toxicity - fish LL<sub>50</sub>, 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic:> 100: mg / I, Fish

Acute toxicity - aquatic LL<sub>50</sub>, (OECD 202), 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic: 10000 (24h): mg / I, Freshwater

invertebrates invertebrates

Acute toxicity - aquatic plants LL<sub>50</sub>, 64742-54-7 Distillates (petroleum), hydrotreated heavy paraffinic:> 100: mg / l, Algae No information

Acute toxicity required.

microorganisms

Acute toxicity - terrestrial Required information is not available.

organisms

Chronic aquatic toxicity

Chronic toxicity- in fish

Required information is not available.

early life stage

Short term toxicity - embryo Required information is not available.

and early larval stages

Chronic toxicity- aquatic

Required information is not available.

invertebrates

Toxicity to soil

Required information is not available.

Toxicity to terrestrial plants

Required information is not available.

12.2. Persistence and degradability

Persistence and degradability No data available.

**Phototransformation** Required information is not available.

Stability (hydrolysis) Required information is not available.

**Biodegradation** Required information is not available.

Biological oxygen demand Required information is not available.

Chemical oxygen demand Required information is not available.

12.3. Bioaccumulative potential

Bioaccumulative potential Required information is not available

Partition coefficient There is no specific test data available.

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12.4. Mobility in soil

**Mobility** There is no suitable information.

Adsorption / desorption

Henry's law constant

Required information is not available.

coefficient

Required information is not available.

Surface tension Required information is not available

12.5. Results of PBT and vPvB assessment

PBT and vPvB Not applicable.

results of the assessment

12.6. Other adverse effects Other

adverse effects May cause little damage to water.

SECTION 13: Disposal considerations

13.1. Waste treatment methods General

information Waste generation should be minimized or avoided wherever possible. Dispose of the waste product or used

containers in accordance with local regulations.

Waste treatment methods Do not dispose of the empty packaging with normal household waste. Product residues, non-empty packages as chemical waste

should be evaluated. Dispose of waste in an official chemical waste depot. It should not leak into sewers,

waterways or soil.

Waste class

Waste code classification should be carried out according to the European Waste Catalog (EWC).

SECTION 14: Transport information

General No other information is available.

Road shipment notes Not classified.

Railway shipment notes Not classified.

Sea shipment notes Air Not classified.

**shipment notes** Not classified.

14.1. UN number

Technically not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class (es)

There is no required transport warning sign.

14.4. Packing group

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Not applicable.	
14.5. Environmental damages	
Environmentally harmful / marine pollutant	
Not applicable.	
14.6. Special precautions for user	_
Not applicable.	
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	
MARPOL 73/78 Annex II and IBC	Not applicable.
pouring by code	
transportation	
SECTION 15: Regulatory information	
15.1. Safety, health and environmental legislation	on specific for the substance or mixture
National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	Republic of Turkey Ministry of Environment and Urbanization, Regulation on Classification, Labeling and Packaging of
	Substances and Mixtures, dated 11 December 2013 and numbered 28848
Guide	Workplace Exposure Limits EH40. CHIP for
	everyone HSG228.
	Approved Classification and Labeling Guide (Sixth edition) L131. Safety Data
	Sheet for substances and preparations.
Chemical safety	There is no Chemical Safety Assessment practice.
evaluation of	

SECTION 16: Other information

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In the safety data sheet used abbreviations and

EU: European Union

acronyms

PPE: Personal protective equipment

TC: Republic of Turkey

DMSO: Dimethyl sulfoxide

TWA: Workplace exposure limits. UZEM: National Poison Information Center ATE: Acute Toxicity

Estimate

ADR: European Agreement on the International Carriage of Dangerous Goods by Road. CAS: Chemical

Abstracts Service.

DNEL: Derived no-effect level.

LC50: The concentration of the substance causing 50% (half) death in the test animal group.

LD50: Dose of substance (Median Lethal Dose) that caused 50% (half) death in the test animal group.

PBT: Persistent, Bioaccumulative and Toxic substance.

REACH: EU Regulation (EC) No 1907/2006 on Registration, Evaluation, Authorization and Restriction of

Chemicals.

vPvB: Very Persistent, Very Bioaccumulative.

LOAEC: Lowest Observed Concentration of Side Effects. LOAEL: Lowest Observed Side Effects Level. NOAEC: Concentration with No Side

Effects Observed. NOAEL: No Side Effects Level.

NOEC: No-Effect Concentration.

Abbreviations and acronyms

Asp. Full. = Aspiration hazard Eye Irrit.

= Eye irritation

General information

Only trained personnel should use this material. Uses and Restrictions: This product should not be used outside of the applications recommended in Section 1 without the prior recommendation of the supplier. This product is not used as a solvent or cleaning agent to set fire or to make it brighter and to clean the skin. Material Safety Data Sheet Distribution: The information in this document should be made available to all persons who can handle this product. Disclaimer: This information is based on our current knowledge and the product is described for the purpose of health, safety and environmental requirements only. For this reason, it should not be interpreted as guaranteeing any specific feature of the product.

Main literature references and sources of

This SDS is based on the information received from our raw material suppliers. Source: European Chemicals

information

Agency, http://echa.europa.eu/

Dated December 11, 2013 and 28848: Calculation method

According to the regulation numbered

classification conditions

Education advice Untrained personnel should not be used.

Revision comments by This is the first arrangement.

Sevda ŞAHAN Certified Safety Data Sheet Maker (Certificate No: GBF01.23.08; Date:

03.11.2018-03.11.2021)

New date of issue 23.05.2019

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How many regulations 0

Preparation date 01.01.2019

**SDS No** 20519

GBF status Approved.

All of the hazard statements H304 Fatal if swallowed and enters respiratory tract. H319 Causes serious eye

irritation.

This information relates only to a specific substance and should not be used in a composition or any process where the same substance is used in combination with other substances. This information is accurate and reliable as of the date specified, within the firm's high level of knowledge and opinion. However, no warranty or representation can be made for its accuracy, reliability and completeness. It is the user's own responsibility to be satisfied that this information is suitable for his own use.