

# SAFETY DATA SHEET

EGDS PURIFIED

VA-No.

Version

1.14 / US

Revision date

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## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name : EGDS PURIFIED

Chemical Name : Ester

### 1.2. Recommended use of the chemical and restrictions on use

Recommended use : Industrial Use

Non-recommended use(s) : None known.

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

Company : Evonik Corporation  
Consumer Specialties  
PO Box 1299  
HOPEWELL VA 23860  
USA

Telephone : +1 (0)804 541-8658

Telefax : +1 (0)804 541-2783

E-mail : productsafety-cs@evonik.com

### 1.4. Emergency telephone number

Emergency information : Non-Emergency Phone Number : (800) 732-5616  
In case of emergency call CHEMTREC 1-800-424-9300.

24 HOUR EMERGENCY TELEPHONE NUMBERS:

CHEMTREC - US & CANADA toll free: +1-800-424-9300

CHEMTREC - MEXICO toll free: 01-800-681-9531

CHEMTREC GLOBAL - Collect calls accepted: +1-703-527-3887

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

Not a hazardous substance according to GHS.

### 2.2. Label elements

The product does not require a hazard warning label in accordance with GHS.

### 2.3. Other hazards

None known

## 3. Composition/information on ingredients

No hazardous ingredients according to 29 CFR 1910.1200

## 4. First aid measures

### 4.1. Description of first aid measures

General advice : Remove contaminated clothing.  
In case of persistent troubles seek medical advice.

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- Inhalation : Remove individual from site of exposure to fresh air.
- Skin contact : Immediately and thoroughly, wash off with soap and water.
- Eye contact : Flush eye(s) for 15 minutes or more; if irritation persists, consult a physician (preferably an eye specialist) and show MSDS.
- Ingestion : No special first aid measures required.  
In the event of symptoms seek medical advice.

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

- Symptoms : No information is on file to date regarding acute and/or delayed post-exposure symptoms and effects.

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

Treat symptomatically.

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## 5. Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam, carbon dioxide, dry chemical, and water spray

Unsuitable extinguishing media :

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

In the event of fire the following can be released:  
- carbon dioxide, carbon monoxide

### 5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

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## 6. Accidental release measures

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

Use personal protective equipment.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways  
Do not discharge into the subsoil/soil.

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

Pick up mechanically  
Dispose of absorbed material in accordance with the regulations.

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## 7. Handling and storage

### 7.1. Precautions for safe handling

Advice on safe handling : No special measures necessary if used correctly.

Handling :  
no data available

Hygiene measures : No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift.  
No other precautions required.

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

### Prevention of fire and explosion

Information : No special measures required.  
Avoid formation of dust  
Dust can form an explosive mixture with air.

### Storage

Information : Avoid formation of dust.  
Further information on storage conditions : No special handling procedures required. Wear appropriate personal protective equipment when handling.

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## 8. Exposure controls/personal protection

### 8.1. Control parameters

Contains no substances with occupational exposure limit values (US)

### 8.2. Exposure controls

#### Engineering controls

Appropriate engineering controls : Local exhaust and ventilation recommended.

#### Personal protective equipment

Eye protection : Safety glasses with side shields are recommended.  
Hand protection : Glove material: gloves made of nitril (NBR)  
Break through time: 480 min  
Glove thickness: 0.11 mm  
Glove material: gloves made of natural latex  
Break through time: 480 min  
Glove thickness: 0.5 mm  
Glove material: gloves made of chloroprene (CR, e.g. Neoprene)  
Break through time: 480 min  
Glove thickness: 0.65 mm  
Glove material: gloves made of butyl (IIR)  
Break through time: 480 min  
Glove thickness: 0.7 mm

Body Protection :  
Respiratory protection : Dust mask recommended.

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## 9. Physical and chemical properties

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

Physical state : solid  
Form : flakes  
Colour : White  
Odour : Characteristic  
Odour Threshold : not measured  
pH : Not measured

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not determined

- Melting point : Melting point  
Remarks: not measured
- Boiling point : Boiling point/range  
Remarks: not measured
- Flash point : > 392 °F  
Method: TAG CC
- Evaporation rate : Unavailable
- Flammability : no data available
- Upper Explosion/Ignition Limit : Not measurednot measured
- Lower explosion limit : not measured
- Vapour pressure : not determined
- Relative vapour density : not measured
- Relative density : no data available
- Solubility : not determined
- Water solubility : insoluble
- Partition coefficient (n-octanol/water) : not measured
- Autoignition temperature : not measured
- Thermal decomposition : Not measured
- Viscosity, kinematic : no data available
- Viscosity, dynamic : no data available
- Explosive properties : not measured
- Oxidising properties : not measured

## 9.2. Other information

- Density : not determined
- Metal corrosion : not measured
- Ignition temperature : Not measured

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## 10. Stability and reactivity

### 10.1. Reactivity

see section "Possibility of hazardous reactions"

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

### 10.4. Conditions to avoid

Avoid direct contact with molten liquid - 90C; contact will result in thermal burns.

### 10.5. Incompatible materials

Unknown

### 10.6. Hazardous decomposition products

None with proper storage and handling.

## 11. Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral) : no data available

Acute toxicity (inhalation) : no data available

Acute toxicity (dermal) : no data available

Irritation/corrosion of the skin : The toxic effects of this material is not known.

Serious eye damage/ eye irritation : Result: The toxic effects of this material is not known.

Respiratory/skin sensitization : no data available

Repeated dose toxicity : no data available

#### CMR assessment

Carcinogenicity : no data available

Mutagenicity : no data available

Teratogenicity : no data available

Toxicity to reproduction : no data available

Carcinogenicity : Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

Specific Target Organ Toxicity - Single exposure : no data available

Specific Target Organ Toxicity - Repeated exposure : no data available

Aspiration hazard : No Aspiration toxicity classification

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## 12. Ecological information

### Ecotoxicology Assessment

Acute aquatic toxicity : no data available

Chronic aquatic toxicity : no data available

### 12.1. Toxicity

Aquatoxicity, fish :  
no data available

Aquatoxicity, invertebrates :  
Remarks: no data available

Aquatoxicity, algae / aquatic plants :  
no data available

Toxicity in microorganisms :  
no data available

chronic toxicity in fish :  
no data available

Chronic toxicity in aquatic Invertebrates :  
no data available

Toxicity in organisms which live in the soil :  
no data available

Toxicity in terrestrial plants :  
no data available

Toxicity to Above-Ground Organisms :  
not available

### 12.2. Persistence and degradability

Photodegradation : no data available

Biological degradability : no data available

Physico-chemical removability : no data available

Biochemical Oxygen Demand (BOD) : no data available

Chemical Oxygen Demand (COD) : no data available

relation of BOD/COD : no data available

Dissolved organic carbon (DOC) : no data available

Adsorbed organic bound halogens (AOX) : no data available

Distribution among environmental compartments : no data available

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## 12.3. Bioaccumulative potential

Bioaccumulation : no data available

## 12.4. Mobility in soil

Environmental distribution : no data available

## 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment : No data available

## 12.6. Other adverse effects

no data available

Remarks: no data available

General Information : Biologically degradable, when diluted may be degraded in biological purification plants

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## 13. Disposal considerations

### 13.1. Waste treatment methods

Product : In accordance with local authority regulations, take to special waste incineration plant

Contaminated packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

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## 14. Transport information

Not dangerous according to transport regulations.

14.1 UN number: --  
14.2 UN proper shipping name: --  
14.3 Transport hazard class(es): --  
14.4 Packing group: --  
14.5 Environmental hazards: --  
14.6 Special precautions for user: No

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## 15. Regulatory information

California Proposition 65 Statement : Notification : No  
This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

Canada : WHMIS CLASSIFICATION  
Non-WHMIS  
This product does not contain component(s) on the WHMIS Ingredient Disclosure List.

Other regulations : CTFA: complies

SARA Title III Section 311/312 Hazard Categories : No SARA Hazards

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State Right to Know : No components subject to "Right-To-Know" legislation in the following States: NJ, PA, MA and RI

SARA 313: This product contains no SARA Title III, Section 313 listed chemicals.

HMIS Ratings Health: 1  
Flammability: 1  
Reactivity: 0  
Personal Protection: X

## Notification status

USA (TSCA) : listed/registered or exempted  
Canada (DSL) : listed/registered or exempted

## 16. Other information

### List of references

Other information : Comply with national laws regulating employee instruction.  
Revision date : ---

Changes since the last version are highlighted in the margin. This version replaces all previous versions. This information and all further technical advice is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.



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## Legend

<b>ADR</b>	European Agreement concerning the International Carriage of Dangerous Goods by Road
<b>ADN</b>	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
<b>ADNR</b>	European agreement concerning the international carriage of dangerous goods by inland waterways (ADN)
<b>ASTM</b>	American Society for Testing and Materials
<b>ATP</b>	Adaptation to Technical Progress
<b>BCF</b>	Bioconcentration factor
<b>BetrSichV</b>	German Ordinance on Industrial Safety and Health
<b>c.c.</b>	closed cup
<b>CAS</b>	Chemical Abstract Services
<b>CESIO</b>	European Committee of Organic Surfactants and their Intermediates
<b>ChemG</b>	German Chemicals Act
<b>CMR</b>	carcinogenic-mutagenic-toxic for reproduction
<b>DIN</b>	German Institute for Standardization
<b>DMEL</b>	Derived minimum effect level
<b>DNEL</b>	Derived no effect level
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>EC50</b>	half maximal effective concentration
<b>GefStoffV</b>	German Ordinance on Hazardous Substances
<b>GGVSEB</b>	German ordinance for road, rail and inland waterway transportation of dangerous goods
<b>GGVSee</b>	German ordinance for sea transportation of dangerous goods
<b>GLP</b>	Good Laboratory Practice
<b>GMO</b>	Genetic Modified Organism
<b>IATA</b>	International Air Transport Association
<b>ICAO</b>	International Civil Aviation Organization
<b>IMDG</b>	International Maritime Dangerous Goods
<b>ISO</b>	International Organization For Standardization
<b>LOAEL</b>	Lowest observed adverse effect level
<b>LOEL</b>	Lowest observed effect level
<b>NOAEL</b>	No observed adverse effect level
<b>NOEC</b>	no observed effect concentration
<b>NOEL</b>	no observed effect level
<b>o. c.</b>	open cup
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>OEL</b>	Occupational Exposure Limit
<b>PBT</b>	Persistent, bioaccumulative, toxic
<b>PEC</b>	Predicted effect concentration
<b>PNEC</b>	Predicted no effect concentration
<b>REACH</b>	REACH registration
<b>RID</b>	Convention concerning International Carriage by Rail
<b>STOT</b>	Specific Target Organ Toxicity
<b>SVHC</b>	Substances of Very High Concern
<b>TA</b>	Technical Instructions
<b>TPR</b>	Third Party Representative (Art. 4)
<b>TRGS</b>	Technical Rules for Hazardous Substances
<b>VCI</b>	German chemical industry association
<b>vPvB</b>	very persistent, very bioaccumulative
<b>VOC</b>	volatile organic compounds
<b>VwVwS</b>	German Administrative Regulation on the Classification of Substances Hazardous to Waters into Water Hazard Classes
<b>WGK</b>	Water Hazard Class
<b>WHO</b>	World Health Organization