



# SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) and 453/2010]

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

### 1.1 Product identifier

**EG540**

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

Relevant identified uses: professional concentrated formulation to the final separation (separation) oil-fatty fraction of aqueous solution. Suitable for use in industry, in particular: a fatty oil, meat, fish, dairy and in food processing plants.

Uses advised against: not determined.

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

Manufacturer: **ACG TECHNOLOGIE EKOLOGICZNE Sp. J**

Address: ul. Grzybowska 77/410, 00-844 WARSZAWA, Poland

Telephone/fax: +48 515140434/+48 46 833 63 10

E-mail address for a competent person responsible for SDS: [biuro@theta-doradztwo.pl](mailto:biuro@theta-doradztwo.pl)

### 1.4 Emergency telephone number

112

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to 67/548/EEC

Product is not classified as dangerous for human and environment.

Classification according to 1272/2008/EC

Product is not classified as dangerous for human and environment.

### 2.2 Label elements

Hazard symbols and signal words

None.

Hazard statements

None.

Precautionary statements

None.

Additional labeling

Contains: anionic surfactants (5-15%).

### 2.3 Other hazards

Mixture does not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

## Section 3: Composition/information on ingredients

### 3.1 Substances

Not applicable.



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## 3.2 Mixture

The mixture does not contain any substances classified as hazardous in concentrations that require them to be listed and substances for which there are occupational exposure limit values at working place at Community level.

## Section 4: First aid measures

### 4.1 Description of first aid measures

Skin contact: wash exposed skin areas thoroughly with soap and water. If disturbing symptoms occur, consult a doctor.

Eye contact: wash out with plenty of water with the eyelid hold wide open, for 10-15 min. Remove any contact lenses. Avoid powerful water stream – risk of cornea damage. If disturbing symptoms occur, consult a doctor.

Ingestion: do not induce vomiting. Rinse mouth with water. Do not give anything to drink to an unconscious person. If disturbing symptoms occur, consult a doctor – show the container or label.

Inhalation: remove to fresh air, keep warm and calm. In case of disturbing symptoms consult a doctor – show the container or label.

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

Skin contact: may cause irritation at highly sensitive people or people with skin allergies.

Eye contact: may cause temporary irritation.

Ingestion: may cause gastric problems.

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

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptoms treatment.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media: foam, dry extinguishing, carbon dioxide, water spray. Adapt the extinguishing media to surrounding materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

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

May produce toxic fumes containing e.g. carbon oxides, if burning. Do not inhale combustion products – it can be dangerous for health.

### 5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. Cool down containers with water to prevent bursting.

## Section 6: Accidental release measures

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

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In case of large spills, isolate the exposed area. Avoid direct contact with releasing product.

### 6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.



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## 6.3 Methods and material for containment and cleaning up

Collect with liquid absorbing material (e.g. soil, sand, silica, universal binding agent) and place it in labeled containers. Treat the collected material as waste. Clean the contaminated place with a large amount of water.

## 6.4 Reference to other sections

Appropriate conduct with waste product – section 13.  
Appropriate personal protective equipment – section 8.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Before break and after work wash carefully hands. Keep the unused containers tightly closed. Avoid contact with skin and eyes.

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

Keep only in original, tightly closed containers in well-ventilated place at temperature 0-35°C. At lower temperatures it may be subject to turbidity, which does not affect its quality. Protect from direct exposure to sunlight.

### 7.3 Specific end use(s)

No specific recommendations for the identified uses. Refer to section 7.1 and 7.2.

## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place at Community level.

Please check any national occupational exposure limit values in your country.

### 8.2. Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Use only in well-ventilated areas. Do not eat or drink during work. Avoid skin and eyes contamination. Before break and after work carefully wash hands.

#### Hand and body protection

Use protective gloves and clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed information regarding the exact breakthrough time. This information should be followed.

#### Eye/face protection

Not required.

#### Respiratory protection

Not required under normal conditions of use in accordance with identified purpose.

Personal protective equipment must meet requirements of directive 89/686/CE. Employer is obliged to ensure equipment adequate to activities carried out, with quality demands, cleaning and maintenance.

#### Environmental exposure controls

Do not allow the large quantities of mixture to contaminate surface water/ground water.



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## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

physical state:	liquid
colour:	transparent
odour:	characteristic
odour threshold:	not determined
pH:	not determined
melting point/freezing point:	not determined
initial boiling point and boiling range:	ca. 100°C
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure (25°C):	not determined
relative vapour density:	not determined
density:	ca. 1,02 g/cm <sup>3</sup>
solubility(ies):	soluble in water
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not determined
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

### 9.2 Other information

No additional data.

## Section 10: Stability and reactivity

### 10.1 Reactivity

It does not undergo dangerous polymerisation.

### 10.2 Chemical stability

The product is stable under normal conditions of storage and use.

### 10.3 Possibility of hazardous reactions

Not known.

### 10.4 Conditions to avoid

Not known.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

Not known.

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Based on available data, the classification criteria are not met.



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## Serious eye damage/irritation

Based on available data, the classification criteria are not met.

## Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

## Germ cell mutagenicity

Based on available data, the classification criteria are not met.

## Carcinogenicity

Based on available data, the classification criteria are not met.

## Reproductive toxicity

Based on available data, the classification criteria are not met.

## STOT-single exposure

Based on available data, the classification criteria are not met.

## STOT-repeated exposure

Based on available data, the classification criteria are not met.

## Aspiration hazard

Based on available data, the classification criteria are not met.

## Section 12: Ecological information

### 12.1 Toxicity

Product is not classified as dangerous for environment.

### 12.2 Persistence and degradability

Product is 100% biodegradable.

### 12.3 Bioaccumulative potential

Not expected.

### 12.4 Mobility in soil

Product is soluble in water and disperses in aquatic environment. Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms (mostly: bacteria, fungus, algae, invertebrates).

### 12.5 Results of PBT and vPvB assessment

Mixture is not classified as PBT or vPvB.

### 12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Do not empty into drains.

Disposal methods for used packing: reuse/recycle/liquidate empty containers in accordance with the legislation in force.

Legal basis: Directive 2008/98/EC, 94/62/EC.



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## Section 14: Transport information

### 14.1 UN number

Not applicable, product is not classified as dangerous during transport.

### 14.2 UN proper shipping name

Not applicable, product is not classified as dangerous during transport.

### 14.3 Transport hazard class(es)

Not applicable, product is not classified as dangerous during transport.

### 14.4 Packing group

Not applicable, product is not classified as dangerous during transport.

### 14.5 Environmental hazards

Product is not hazardous for environment.

### 14.6 Special precautions for user

Not necessary.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

## Section 15: Regulatory information

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

**Regulation (EC) No 1907/2006** of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

**Regulation (EC) No 1272/2008** of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.

**Council Directive 67/548/EEC** of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances.

**Directive 1999/45/EC** of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations.

**Commission Regulation (EC) No 790/2009** of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.

**Commission Regulation (EU) No 453/2010** of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**Directive 2008/98/EC** of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives.

**European Parliament and Council Directive 94/62/EC** of 20 December 1994 on packaging and packaging waste.

### 15.2 Chemical safety assessment

Not applicable.

## Section 16: Other information

### Clarification of aberrations and acronyms

PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance



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## Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

## Other data

Date of update: 07.05.2014  
Version: 2.0/EN  
Modifications: sections:1-16  
Composed by: Anna Królak(on the basis of producer's data).  
Safety Data Sheet made by: „**THETA**” Doradztwo Techniczne

### **This SDS annuls and replaces all previous versions**

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.