



# 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: concentrated solution of low-basicity, which breaks the emulsion (breaks micelles) by lowering the interfacial tension, water and dust is separated from all the types of fats and / or oils (mineral, vegetable or animal); can be used in both the low and high temperature. Designed for industries: petrochemical, food processing, oil production, oil industry.

Uses advised against: not determined.

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

Manufacturer: **ACG TECHNOLOGY Ltd.**

Address: Ballyminaun, Gorey. Co. Wexford

Telephone/fax: +35340244103

E-mail address for a competent person responsible for SDS: Email: [jj.tobin@chemhazsolutions.com](mailto:jj.tobin@chemhazsolutions.com)

### 1.4 Emergency telephone number

. Tel +353 61 924146 or (mobile) + 353 86 1528158

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

Directive 67/548/EEC & Directive 1999/45/EC

Not classified as dangerous for supply/use.

Regulation (EC) No. 1272/2008 (CLP)

Not classified as hazardous.

### 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.



# SAFETY DATA SHEET

## 3.2 Mixtures

Description: Aqueous solution of surfactants and other chemicals

Dangerous components: The product does not contain reportable quantities of dangerous components.

## Section 4: First aid measures

### 4.1 Description of first aid measures

Skin contact: wash skin with soap and water. Remove contaminated clothing and wash clothing before reuse. Consult a doctor in case of complaint.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Do not induce vomiting. Rinse mouth with water. Consult a doctor in case of complaint – show the container or label.

Inhalation: Supply fresh air; consult doctor in case of complaint.

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

Skin contact: may cause slight irritation in people with sensitive skin.

Eye contact: may cause transient irritation.

Ingestion: may cause gastric disturbance.

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

Treat symptomatically Further medical treatment should be based on thorough examination of the injured by a physician.

## Section 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media: foam, dry powder, carbon dioxide, water spray.

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

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

In case of fire, the following can be released: Carbon oxides (COx), hazardous fumes and vapours.

### 5.3 Advice for firefighters

Use fire-extinguishing methods suitable to surrounding conditions.

Wear full protective suit and self-contained breathing apparatus (SCBA) when extinguishing fires. Cool down containers with water to prevent bursting.

## Section 6: Accidental release measures

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

Isolate spillage and clean up immediately.

Refer to Section 8 for protective measures when handling the spillage.

Avoid direct contact with spilled 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.



# SAFETY DATA SHEET

## 6.3 Methods and material for containment and cleaning up

Adsorb with liquid binding material (e.g. soil, sand, silica, universal binding agent) and place it in labeled containers. Treat the collected material as waste. Rinse off area with water.

## 6.4 Reference to other sections

Disposal of 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. Wash hands before breaks and after work. 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

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

### 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 Safety glasses recommended.

#### 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.



# SAFETY DATA SHEET

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

physical state:	liquid
colour:	colourless
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:	no less than 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

Hazardous polymerisation will not occur.

### 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.



# SAFETY DATA SHEET

## 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.

## 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. To ensure compliance we recommend that you contact the relevant (local) authorities and/or an approved waste-disposal company for information.

Disposal methods for used packing: Used containers may be rinsed with water and sent for recycling.



# SAFETY DATA SHEET

## Section 14: Transport information

### 14.1 UN number

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

### 14.2 UN proper shipping name

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

### 14.3 Transport hazard class(es)

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

### 14.4 Packing group

Not applicable, product is not classified as dangerous for 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.

**Regulation (EC) No 648/2004** of the European Parliament and of the Council of 31 March 2004 on detergents



# SAFETY DATA SHEET

## 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

#### Training

Before commencing work with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo relevant workplace training

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To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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