

SAFETY DATA SHEET

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

Product identifier

Trade name or designation of the mixture FLUOROCARBON GEL 868H

Registration number -

Synonyms None.

Product Code FLUOROCARBON GEL 868H

Date of first issue April-06-2006

Version number 05

Revision date May-11-2011

Supersedes date January-15-2009

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

Identified uses Not available.

Uses advised against None known.

Details of the supplier of the safety data sheet

Newgate Simms Ltd.
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Bretton, Chester CH4 0EJ
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Section 2: Hazards identification

Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary

Physical hazards Not classified for physical hazards.
Health hazards Not classified for health hazards.
Environmental hazards Not classified for hazards to the environment.
Specific hazards Not available.
Main symptoms Not available.

Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains: POLYTETRAFLUOROETHYLENE

Hazard statements The substance does not meet the criteria for classification.

Precautionary statements

Prevention Not available.
Response Not available.
Storage Not available.
Disposal Not available.

Supplemental label information Not applicable.

Other hazards Not assigned.

Section 3: Composition/information on ingredients

Mixture

General information

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|---------------|---|------------------|------------------------|-----------|-------|
|---------------|---|------------------|------------------------|-----------|-------|

| | | | | | |
|-------------------------|---------|-----------|---|---|--|
| POLYTETRAFLUOROETHYLENE | 40 - 60 | 9002-84-0 | - | - | |
|-------------------------|---------|-----------|---|---|--|

Classification: DSD: -

CLP: -

Other components below reportable levels 40 - 60

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

#: This substance has workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Section 4: First aid measures

Description of first aid measures

| | |
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| Inhalation | If symptoms develop, remove affected person from source of exposure into fresh air. Get immediate medical attention. |
| Skin contact | Wash off with soap and water. Get medical attention if symptoms occur. Wash clothing separately before reuse. |
| Eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention. |
| Ingestion | If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth to a victim who is unconscious or is having convulsions. |

Most important symptoms and effects, both acute and delayed Not available.

Indication of any immediate medical attention and special treatment needed Not available.

Section 5: Firefighting measures

General fire hazards Not available.

Extinguishing media

Suitable extinguishing media Water Fog. Foam. Carbon dioxide (CO₂). Dry chemical.

Unsuitable extinguishing media Water. Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture Not available.

Advice for firefighters

Special protective equipment for firefighters Wear suitable protective equipment.

Special firefighting procedures Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Move containers from fire area if you can do it without risk.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Observe precautions from other sections.

For emergency responders Not available.

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas.

| | |
|---|---|
| Methods and material for containment and cleaning up | Large Spills: Stop the flow of material, if this is without risk. Soak up with inert absorbent material. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Clean contaminated surface thoroughly. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills in original containers for re-use. Clean up spills immediately, observing precautions in Protective Equipment section. Sweep up and shovel into suitable containers for disposal. |
| Reference to other sections | For waste disposal, see section 13 of the MSDS. |

Section 7: Handling and storage

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|---|---|
| Precautions for safe handling | Do NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Avoid prolonged or repeated skin contact with this material. Avoid breathing gas/vapors/mist/fumes. Do not handle or store near an open flame, heat or other sources of ignition. Do not take internally. Do not taste or swallow. Avoid contact with eyes. Wash thoroughly after handling. |
| Conditions for safe storage, including any incompatibilities | Keep away from heat and sources of ignition. Store in cool place. Store in a closed container away from incompatible materials. |
| Specific end use(s) | Not available. |

Section 8: Exposure controls/personal protection

| | |
|--|---|
| Control parameters | |
| Occupational exposure limits | No exposure limits noted for the ingredient(s). |
| Biological limit values | No biological exposure limits noted for the ingredient(s). |
| Recommended monitoring procedures | Follow standard monitoring procedures. |
| DNEL | Not available. |
| PNEC | Not available. |
| Exposure controls | |
| Appropriate engineering controls | Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. |
| Individual protection measures, such as personal protective equipment | |
| General information | Not available. |
| Eye/face protection | Wear safety glasses; chemical goggles (if splashing is possible). |
| Skin protection | |
| - Hand protection | Not normally needed. |
| - Other | Wear suitable protective clothing. Wear nitrile, neoprene, PVC or viton gloves. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. |
| Respiratory protection | No personal respiratory protective equipment normally required. An air purifying respirator with an organic vapor cartridge may be used under certain circumstances where airborne concentrations are expected to exceed exposure limits, or if irritation or symptoms are experienced. |
| Thermal hazards | Not available. |
| Hygiene measures | When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Launder contaminated clothing before reuse. |
| Environmental exposure controls | Not available. |

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

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|---------------------------------|--|
| Physical state | Liquid. |
| Form | Liquid. Semi-solid |
| Color | White |
| Odor | Slight |
| Flash point | > 392 °F (> 200 °C) Cleveland Open Cup |
| Density | 1.11 g/cm ³ |
| Kinematic viscosity | 7414 cSt |
| Kinematic viscosity temp | 104 °F (40 °C) |

Other data

Shelf life 4 years

Other information No relevant additional information available.

Section 10: Stability and reactivity

Reactivity None known.

Chemical stability Material is stable under normal conditions. Stable.

Possibility of hazardous reactions Not available.

Conditions to avoid Heat, flames and sparks. Avoid temperatures exceeding the flash point.

Incompatible materials Strong acids, alkalis and oxidizing agents. Alkaline metals. Alkaline earth metals. Powdered metals. Halogenated compounds.

Hazardous decomposition products Carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of sulfur. Hydrogen fluoride. Carbonyl fluoride.

Section 11: Toxicological information

General information Not available.

Information on likely routes of exposure

Ingestion Knowledge about health hazard is incomplete.

Inhalation Knowledge about health hazard is incomplete.

Skin contact Knowledge about health hazard is incomplete.

Eye contact Knowledge about health hazard is incomplete.

Symptoms Not available.

Information on toxicological effects

Acute toxicity 0 - 0

Skin corrosion/irritation Knowledge about health hazard is incomplete.

Serious eye damage/eye irritation Knowledge about health hazard is incomplete.

Respiratory sensitization Knowledge about sensitization hazard is incomplete.

Skin sensitization Knowledge about sensitization hazard is incomplete.

Germ cell mutagenicity Knowledge about mutagenicity is incomplete.

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by IARC. Knowledge about carcinogenicity is incomplete.

IARC Monographs. Overall Evaluation of Carcinogenicity

POLYTETRAFLUOROETHYLENE (CAS 9002-84-0) 3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity Knowledge about health hazard is incomplete.

Specific target organ toxicity - single exposure Knowledge about health hazard is incomplete.

Specific target organ toxicity - repeated exposure Knowledge about health hazard is incomplete.

Aspiration hazard Knowledge about health hazard is incomplete.

Mixture versus substance information Not available.

Other information This product has no known adverse effect on human health.

Section 12: Ecological information

Toxicity No toxicity data noted for the ingredient(s).

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential Not available.

Mobility Not available.

Environmental fate - Partition coefficient Not available.

Mobility in soil Not available.

Results of PBT and vPvB assessment Not available.

Other adverse effects Not available.

Section 13: Disposal considerations

Waste treatment methods

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|-------------------------------------|--|
| Residual waste | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging | Empty containers should be taken to an approved waste handling site for recycling or disposal. |
| EU waste code | Not available. |
| Disposal methods/information | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations. |

Section 14: Transport information

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code No information available.

Section 15: Regulatory information

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

EU regulations

Directive 96/61/EC concerning integrated pollution prevention and control (IPPC): Article 15, European Pollution Emission Registry (EPER)

Not listed.

Regulation (EC) No. 1907/2006, Article 59(1). Candidate List

Not listed.

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I

Not listed.

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I

Not listed.

Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. The product does not need to be labelled in accordance with EC directives or respective national laws. This safety datasheet complies with the requirements of Directive 2001/58/EC.

National regulations

Not available.

Chemical safety assessment

No Chemical Safety Assessment has been carried out.

Section 16: Other information

List of abbreviations

Not available.

References

Not available.

Information on evaluation method leading to the classification of mixture

Not available.

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| Full text of any statements or R-phrases and H-phrases under Sections 2 to 15 | None. |
| Revision information | This document has undergone significant changes and should be reviewed in its entirety. |
| Training information | Not available. |
| Issued by | Jason Galary |
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