

Hydroflow HM



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1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product Identifier
Hydroflow HM

Details of the supplier of the data sheet
Premcrete Ltd
44 Macadam Way
West Portway
Andover
SP10 3XW

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www.premcrete.com

Emergency telephone number
+44 (0) 800 6191619
7.00am-5:00pm Mon-Fri

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Polymeric product with chemical formula $[C_2H_4]_n$ (granules or stabilized powder).

Dangerous substance containing in product: Polyethylene approx. 100 9002-88-4 isn't dangerous substance.

3. HAZARD IDENTIFICATION

Potential health effects: Under normal condition of use, this product has no acute or chronic adverse health effects. During careless manipulation can cause only mechanic irritation of skin.

Potential environmental effects: Product has no adverse effects in environmental. 3.3 Other data Combustible, but difficultly inflammable and slow-burning substance. When it is burned, toxic and irritable fume is formed. Dust can accumulate static charge.

4. FIRST AID MEASURES

General advice: In case of accident or if you feel unwell, seek medical advice (show this sheet where possible).

Skin: Usually first aid isn't necessary, general hygiene measures are enough to observe. After contact with hot product don't remove it from skin, contaminated parts cool under water stream, contact a doctor for medical treatment.

5. FIRE-FIGHTING MEASURES

Suitable extinguish media: Foam, dry powder, large fire – water spray

Unsuitable extinguish media for safety reasons: Water - stream.

Special risk: When burning, toxic and irritable fume is forming.

Special protective equipment: Full protective clothing. Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Unneeded material for next processing or later deactivation must be stored in suitable way. The deactivation is to be accomplished according valid legal adaptation for waste.

7. HANDLING AND STORAGE

Handling: Keep all fire-fighting precautions, wear recommended personal protective equipment. Performance of handling with material must be in accordance with leaflet of the producer.

Storage: Storehouse must correspond with fire safety of building and electrical equipment with valid regulations. Store in dry, well-ventilated and roofing place, protected from direct solar radiation. Recommended temperature during storage: -200C to 300C.

8. EXPOSURE CONTROL AND PROTECTION MEASURES

Hand protection: safety gloves Skin protection: working, closed footwear General safety and hygiene measures: Personal hygiene, no eating, drinking, smoking during work. After work and before eating or drinking wash hands with water and soap.

Safety of operation and operation procedure for handling with material must be respected.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form at 20°C	Solid substance
Colour	Black
Odour	Odourless
pH	Not available
Melting Temperature (granules °C)	Approximately 130
Boiling Temperature (°C)	Not available
Flash Temperature (granules °C)	370
Flammability	Combustible
Self-Ignition	Not available
Oxidation Properties	Not available
Vapour Pressure at 200C	Not available
Density	900-963
Solubility in Water at 200C	Insoluble
Solubility in Fast at 200C	Not available
Octanol/Water Partion Coefficient	Not available
Ignition Temperature (granules °C)	390-400
Minimum Initiatory Energy of Ignition [J]	1.6
Combustion Head	45-46
Bulk Density	520-280

10. STABILITY AND REACTIVITY

Reactivity: Product characterization: Substance is stable under normal temperature. Product can accumulate static charge. Conditions to avoid: high temperature, spark, open flame

Substances to avoid / hazardous reactions: Oxidizing materials, liquid chlorine, other free halogens, aromatic and chlorinated hydrocarbons, gasoline, lubricating oils.

Hazardous decomposition products: Thermal decomposition: possible origin of substances with irritable and sensitising effects (high temperatures).

11. TOXOLOGICAL INFORMATION

Acute toxicity: LD50 oral – rat > 3000 mg/kg

Acute and chronic effects: Under normal condition of use, this product has no acute or chronic adverse health

12. ECOLOGICAL INFORMATION

No information is available.

13. DISPOSAL CONSIDERATIONS

Code: Waste code assign on the basis of waste attributes in its origin time. Recommended waste code (valid in Czech Republic): 07 02 13 20 01 39.

Advised disposal: Product and container dispose in accordance with all appropriate legislation (all applicable national and local regulations). Recommended waste disposal: material utilization. Recommended container

14. TRANSPORT INFORMATION

Land transport: Product isn't dangerous goods according to shipping regulations.

15. REGULATORY INFORMATION

Labelling of the substance / preparation: Product is not classified as dangerous according to the Czech Act No. 365/2003 Sb.

Regulatory Data relating to the substance/preparation: Czech Republic: Act No. 258/2000 Sb. On the Protection of Public Health and on the amendments of some related acts, as amended. Order-in-Council No. 178/2001 Sb., regulating Safety Occupational Health Conditions in the workplace, as amended.

The above information is believed to be correct but not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the product.