

Issue Date: 07/02/2023  
Last Revision Date: N/A  
Superseded Date: N/A  
Version Number: 01

## SAFETY DATA SHEET



HEALTH	0
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	0

Product Code: FL4540

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### SECTION 1 PRODUCT IDENTIFICATION

**Product Name:** Flaminal Hydro Alginate Gel 50g Tube  
**Trade Code:** FL4540

### SECTION 2 HAZARD IDENTIFICATION

**NFPA ratings (scale 0 - 4)**



Health = 0; Fire = 1; Reactivity = 0

• **Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

**Classification according to Directive 453/2010/EC or Directive 1907/2006/EC :** Not applicable.

• **Label elements**

• **Labelling according to Regulation (EC) No 1272/2008:** Not applicable.

• **Hazard pictograms:** Not applicable.

• **Signal word:** Not applicable.

• **Emergency Overview:** Irritating vapors to respiratory system and eyes may form when this products is processed at high temperatures or burning. Molten or burning material in skin contact can cause severe burns.

• **Routes of Entry:** FOR HOT MATERIAL: Skin contact, Eye contact, Inhalation.

• **Potential Acute Health Effects:**

• **Eyes:** Slightly hazardous by the following route of exposure: of eye contact (irritant). Heated Polymer: Eye contact can cause serious thermal burns. Smoke formed when this products is burning may be irritating to the eye.

• **Skin:** No known acute effects of this product resulting from skin contact. However in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.

Heated and burning products: skin contact can cause serious thermal burns.

• **Inhalation:** Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors may form when this products is processed at high temperatures and burning.

• **Ingestion:** This products is not toxic, No effect are expected for ingestion of a small amounts.

Swallowing may be have a choking hazard.

• **Potential Chronic Health Effects:**

• **CARCINOGENIC EFFECTS:** This material is not a known carcinogen. Classified NONE by NTP, NONE by OSHA, 3

(Not classifiable for humans) by IARC.

• **MUTAGENIC AND TERATOGENIC EFFECTS:** Not available.

• **Medical Conditions Aggravated by Overexposure:** There is no known effect from chronic exposure to this product.

Repeated or prolonged exposure is not known to aggravate any medical condition.

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### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Description: substances listed below with additions.

.Components Number:	CAS Number	Weight Percent (%)
Acrylonitrile Butadiene Styrene	9003-56-9	99.56%
Toner	--	0.44%

### SECTION 4 FIRST AID MEASURES

**.After inhalation:** General the material is not expected to present an inhalation hazard, Where have inhalation supply fresh air.

**.After skin contact:** General the material is not expected to present an skin contact hazard Cool skin rapidly if contacted with molten or burning products. Obtain medical attention for thermal burns.

**.After eye contact:** Immediately flush eyes with plenty of water for at few minutes, occasionally lifting the eyelids.

**.Ingestion:** No adverse health effects expected from little ingestion, If symptoms persist consult doctor.

**After first aid, get appropriate in-plant, paramedic, or community medical support.**

### SECTION 5 FIRE FIGHTING MEASURES

**•General Information:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Decomposes at high temperatures, resulting in toxic and corrosive products. Containers may explode when heated.

**Exting using media:** Dry Chemical, Carbon Dioxide, and Foam

**Auto ignition Temperature:** >450C (estimated).

**.Special fire & explosion hazards:** None.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**.Small Spill and Leak:** This product is solid, Small leak is meaningless, where have scattered on the ground only need to pick up it. Good housekeeping must be maintained at all times to avoid stumbling hazard.

**.Large Spill and Leak:** No danger only need to recycling collection the leakproducts and repackaging.

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### SECTION 7 HANDLING AND STORAGE

•**Handling:** Handling of this products may form nuisance dust. Protect personnel. Pneumatic material handling and processing equipment may generate dust of sufficiently small particle size that, Dust accumulations should be controlled through a comprehensive dust control program that includes, but is not limited to, source capture, inspection and repair of leaking equipment, routine housekeeping and employee training in hazards. See NFPA654.

•**Storage:** Keep container dry. Keep in a cool place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

### SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

• **Ventilation and Engineering controls:** No special ventilation and engineering controls are required, handling of these products need keep good ventilation.

• **Respiratory Protection:** No special respiratory protection is required for use of these products. If respiratory protection is needed, use only protection authorized in the U.S. Federal OSS Standard, applicable U.S. State regulations, or the Canadian CA standard.

• **Body Protection:** No special protective clothing is required.

• **Protective Gloves:** Unnecessary, When need choose insulated gloves.

• **Eye Protection:** Unnecessary, When necessary wear chemical goggles or face shield.

• **AEL (TWA):** Not available.

### SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

#### . General Information

Form:	Solid
Colour:	Coloured
Odour:	Odourless
•Change in condition	Coloured
Softening Point :	217° C - 237° C
Melting point/Melting range:	>250° C
• Flash point:	Not applicable
• Self-igniting:	Product is not self-igniting
• Danger of explosion:	Product does not present an explosion hazard
• Density:	
• Relative density:	1.03 - 1.10 (Water = 1)
• Vapor density:	Not available
• Evaporation rate	Not Applicable

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### Solubility in/Miscibility with

Water:	Insoluble
PH-Value:	Not available
Viscosity:	
Dynamic:	Not available

### SECTION 10 STABILITY AND REACTIVITY

- **Chemical Stability:** The product is stable.
- **Incompatibilities with Other Materials:** Not available.
- **Hazardous Decomposition Products:** The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.
- **Hazardous Polymerization:** Hazardous polymerization will not occur.

### SECTION 11 TOXICOLOGICAL INFORMATION

- **Toxicity to Animals:**  
 LD50: Not available.  
 LC50: Not available.
- **Chronic Effects on Humans:** CARCINOGENIC EFFECTS: Classified NONE by NTP, NONE by OSHA. 3 (Not classifiable for human.) by IARC.
- **Other Toxic Effects on Humans:** None
- **Carcinogenicity:** None Determined.
- **Mutagenicity:** None Determined.
- **Teratogenicity:** None Determined.

### SECTION 12 ECOLOGICAL INFORMATION

- **Instability:** Not applicable.
- **Persistence/Degradability:** Like plastic in a long term.
- **Environmental Precautions:** Minimize the potential harm to the environment, to dispose of in accordance with the norms, the general will not result in the impact and harm aquatic plants.

### SECTION 13 DISPOSAL CONSIDERATIONS

- **Product:** Must be disposed of in accordance with applicable Federal, state and local regulations.
- **Recommendation:** Must not be disposed together with household garbage. Do not allow product to reach sewage system
- **Uncleaned packaging:** Recommendation Disposal must be made according to official regulations.

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### SECTION 14 TRANSPORT INFORMATION

- **DOT Classification for Bulk Shipments (non bulk shipments may differ):** Not a DOT controlled material (United States).
- **UN Number:** Not applicable.
- **Packing Group:** Not applicable.
- **Marine Pollutant:** Not available.
- **Hazardous Substance Reportable Quantity:** Not available.
- **Special Provisions for Transport:** Not applicable.
- **TDG Classification:** Not controlled under TDG (Canada).
- **ADR/RID Classification:** Not controlled under ADR (Europe)
- **IMO/IMDG Classification:** Not Controlled under IMDG
- **ICAO/IATA Classification:** Not controlled under IATA.

### SECTION 15 REGULATORY INFORMATION

- **HCS Classification:** This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
- **U.S. Federal Regulation:** Not available.
- **TSCA inventory:** All components are exempted.
- **SARA 301/302/303:** No chemicals in this product are listed as extremely hazards substances in 40 CFR 355, Emergency Planning And Notification(Appendix A to Part 355).
- **SARA 304:** No chemicals in this product require reporting under the requirement of 40 CFR 355, Emergency Planning And Notification (SARA extremely hazardous substances listed in Appendix A to Part 355 or CERCLA hazardous substances listed in Table 302.4 of 40 CFR Part 302).
- **SARA 313:** This product contains no chemicals in excess of the applicable de minimis concentration that are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (Table 372.65).
- **Clean air act (CAA) 112 accidental release prevention:** No products were found.
- **Clean air act (CAA) 112 regulated flammable substances:** No products were found.
- **Clean air act (CAA) 112 regulated toxic substances:** No products were found.
- **International Regulations**
  - **WHMIS:** Not controlled under WHIMTS
  - **DSCL:** Not controlled under DSCL
  - **StateRegulation:** No products were found.

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**.California Prop.65:** There are no Proposition 65 chemicals present in our products at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.

•**REACH Regulation Annex XVII Restriction List (9/2/2012)** : None of the ingredients is listed.

•**Candidate List of Substances of very high concern (SVHC) according to ECHA (19/12/2011)** : None of the ingredients is listed.

•**REACH Regulation Annex XIV Authorization List (15/2/2012)** : None of the ingredients is listed..

•**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16 OTHER INFORMATION

The contents and format of this MSDS are in accordance with ISO Commission Directive ISO11014:2009.

#### DISCLAIMER OF LIABILITY

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## END OF SDS