Section 1 - Chemical Product and Company Identification

MSDS# 89341

Material Safety Data Sheet
Ficoll 400

General: or equivalent), and full protective gear. During a fire, irritant and highly toxic gases may be generated by
Information: thermal decomposition or combustion. Use extinguishing media appropriate to the surrounding fire.
Substance is noncombustible.

Extinguishing Media: Use extinguishing media most appropriate for the surrounding fire.

Autoignition: Not applicable.
Temperature: 
Flash Point: Not applicable.

Company Identification:
Fisher Scientific
One Beeston Lane
Fair Lawn, NJ 07410

For information in the US, call:
201-796-7100

Emergency Number US:
201-796-7100

CHEMTREC Phone Number, US:
800-424-9300

Section 2 - Composition, Information on Ingredients

CAS# 26873-85-8

Chemical Name: Ficoll

%: 100.0

EINECS#: unlisted

Section 3 - Hazard Identification

EMERGENCY OVERVIEW

Caution! May cause respiratory tract irritation. The toxicological properties of this material have not been fully investigated.
May cause eye and skin irritation. Target Organs: None known.

Potential Health Effects

Eye: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

Inhalation: May cause allergic respiratory reaction. May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic: No information found.

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.

Ingestion: Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cups of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Section 5 - Fire Fighting Measures

A- in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved

Section 6 - Accidental Release Measures

General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately.

Section 7 - Handling and Storage

Handling: Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 - Exposure Controls, Personal Protection

OSHA Vacated PELs: Ficoll: None listed

Engineering Controls:
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA’s eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: A respiratory protection program that meets OSHA’s 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section 9 - Physical and Chemical Properties

Physical State: Powder
Clor: white to off-white
Golor: none reported
pH: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Evaporation Rate: Not available
Viscosity: Not available
Boiling Point: Not available
Freezing/Melting Point: Not available
Decomposition Temperature: Not available
Solubility in water: Not available
Specific Gravity/Density:
   Molecular Formula: Mixture
   Molecular Weight: 0
Section 10 - Stability and Reactivity
   Chemical Stability: Stable at room temperature in closed containers under normal storage and handling conditions.
   Conditions to Avoid: Incompatible materials, dust generation, excess heat.
   Incompatibilities with Other Materials: Not available
   Hazardous Decomposition Products: Carbon monoxide, carbon monoxide, carbon dioxide.
   Hazardous Polymerization: Will not occur.
Section 11 - Toxicological Information
   RTECS#: CAS# 26873-85-8: None listed
   LD50/LC50: RTECS: Not available.
   Carcinogenicity: Ficoll - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.
Section 12 - Ecological Information
   Not available
   Section 13 - Disposal Considerations
   Dispose of in a manner consistent with federal, state, and local regulations.
Section 14 - Transport Information
   US DOT
   Shipping Name: Not regulated as a hazardous material
   Hazard Class:
   UN Number:
   Packing Group:
   Canada TDG
   Shipping Name: Not available
   Hazard Class:
   UN Number:
   Packing Group:
Section 15 - Regulatory Information
   European/International Regulations
   European Labeling in Accordance with EC Directives
   Hazard Symbols: Not available
   Risk Phrases:
   Safety Phrases:
   S 24/25 Avoid contact with skin and eyes.
   WGK (Water Danger/Protection)
   CAS# 26873-85-8: Not available
   Canada
   CAS# 26873-85-8 is listed on Canada’s NDSL List
   Canadian WHMIS Classifications: D2B
   This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CAS# 26873-85-8 is not listed on Canada's Ingredient Disclosure List.

US Federal

TSCA
   CAS# 26873-85-8 is listed on the TSCA Inventory.

Section 16 - Other Information
MSDS Creation Date: 7/13/1999
Revision #5 Date 7/20/2009

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.

(Copy of MSDS is to have been retained by user)