



JAMES RIVER CORPORATION
 BERLIN/GORHAM GROUP
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MARKETED BY
HARWICK

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MATERIAL SAFETY DATA SHEET

DISCLAIMER

As defined in 29 CFR 1910.1200 powdered cellulose is not a hazardous chemical, however, the information below is being supplied as a convenience to our customers.

I. IDENTITY

CHEMICAL NAME: Powdered Cellulose
 TRADENAME (If applicable): Solka-Floc
 COMMON NAME: Cellulose

II. PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT: NA
 SPECIFIC GRAVITY: 1.58 gm/cc
 VAPOR PRESSURE (mm/Hg): Non-volatile
 VAPOR DENSITY (air=1): Non-volatile
 FLASH POINT: NA
 UPPERFLAMMABLE LIMIT: NA
 LOWER FLAMMABLE LIMIT: NA
 SOLUBILITY IN WATER: Ca. 1%
 APPEARANCE AND ODOR: Fibrous powder; slight, characteristic odor.

III. PHYSICAL HAZARDS

REACTIVITY DATA: NA
 STABILITY: Stable
 INCOMPATIBILITY: Powerful oxidizing agents such as perchloric acid
 HAZARDOUS DECOMPOSITION PRODUCTS: None
 HAZARDOUS POLYMERIZATION: Will not occur
 CONDITIONS TO AVOID: Fire and flame
 UNUSUAL FIRE & EXPLOSION HAZARDS: Dust explosions may occur if material suspended in air in the presence of an ignition source.

IV. HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE: Inhalation - breathing difficulty.
 Ingestion - No health hazard. Bleached grades of Solka Floc can be safely used in human foods as an inert bulking agent.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Inhalation - breathing difficulty.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY EXPOSURE: Any which interfere with respiration, but only if working in a dusty area.

V. PRIMARY ROUTE(S) OF ENTRY

Inhalation, but only if working in a dusty atmosphere.

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VI. EXPOSURE LIMITS

OSHA PERMISSIBLE EXPOSURE LIMIT VALUE:

Inert or a nuisance dust - 15 mg/cubic meter total dust

ACGIH THRESHOLD LIMIT VALUE: 10 mg/cubic meter total dust

VII. LISTING AS A CARCINOGEN

NATIONAL TOXICOLOGY PROGRAM ANNUAL REPORT ON CARCINOGENS: Not listed

INTERNATIONAL AGENCY FOR RESEARCH ON CANCER MONOGRAPHS: Not listed

VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

HYGIENIC PRACTICES: Normal housekeeping measures

PROTECTIVE MEASURES DURING REPAIR & MAINTENANCE: Mask for nuisance dust

SPILL OR LEAK PROCEDURES: Collect as a nuisance dust

WASTE DISPOSAL METHOD: Landfill; material is biodegradable and not harmful.

SPECIAL FIRE FIGHTING PROCEDURES: Avoid dispersal in air

EXTINGUISHING MEDIA: Water

IX. CONTROL MEASURES

ENGINEERING CONTROLS: None

VENTILATION: Usual manufacturing ventilation should be adequate

WORK PRACTICES: No smoking in work area

RESPIRATORY PROTECTION: Mask for nuisance dust

EYE PROTECTION: Needed only in dusty atmosphere

OTHER PROTECTIVE EQUIPMENT: Not required

X. EMERGENCY AND FIRST AID PROCEDURES

None

Date of Preparation: November 17, 1985

Emergency Phone Number: 603-752-4600

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