

Material Safety Data Sheet PROSOLV® SMCC 50 - 90 - HD 90

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SMCC 50 - 90 - HD 90
Synonyms: Silicified Microcrystalline Cellulose.
Application: Laboratory and Research.

Distributed By:
Ingredient Depot

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	% by weight	Exposure Limit:	LD50s and LC50s Route & Species:
Cellulose CAS#: 9004-34-6	98	5 mg/m3 Respirable; 15 mg/m3 Total Dust	Not indicated.
Silica, Amorphous, Cryst.-Free CAS#: 112945-52-5	2	15 mg/m3 Respirable; 5 mg/m3 Total Dust	Not indicated.

Notes: No additional remark.

3. HAZARDS IDENTIFICATION

Route of Entry: Eye contact. Skin contact. Inhalation. Ingestion.

Eye Contact: May cause slight irritation.

Skin Contact: Not expected to be a health hazard.

Ingestion: May be harmful if ingested in great quantity. Do not ingest.

Inhalation: Not expected to be a health hazard.

Medical Conditions Affected by Exposure: None known.

Signs of Over Exposure: No additional remark.

4. FIRST AID MEASURES

Eye Contact: Immediately hold eye lids open and flush with water for at least 15 minutes. If irritation develops or persists, seek medical attention.

Skin Contact: Wash affected area immediately with large amounts of soap and water. If irritation develops or persists, seek medical attention.

Inhalation: Move victim to fresh air. In all cases of doubt, or when symptoms persist, seek medical attention.

Ingestion: DO NOT induce vomiting. Rinse out mouth with water. If necessary, seek medical attention.

Notes to Physician: No additional remark.

5. FIRE FIGHTING MEASURES

Flash Point (°C), Method: Not applicable.

Autoignition Temperature (°C): Not applicable.

Upper Flammable Limit (% Vol): Not applicable.

Lower Flammable Limit (% Vol): Not applicable.

Flammability: Com I.

Extinguishing Media: Water spray, foam, dry powder or carbon dioxide.

Hazardous Combustion Products: Carbon dioxide and carbon monoxide may form on combustion.

Sensitivity to Mechanical Impact: Not sensitive.

Sensitivity to Static Discharge: Not sensitive.

Unusual Fire / Explosion Hazards: Avoid high dust concentrations.

Special Fire Fighting Procedures: Firefighters should wear protective equipment as required.

6. ACCIDENTAL RELEASE MEASURES

Leaks and Spills: Avoid creating dust. Vacuum/shovel up and transfer into a drum for reuse or disposal. Do not allow product to enter sewers or waterways. Wear protective clothing during cleanup.

7. HANDLING AND STORAGE

Handling Procedures: Avoid contact with eyes and skin. Avoid creation of respirable dust. Avoid inhalation and ingestion. Wash skin thoroughly after handling and before eating or smoking. Use good industrial hygiene practices in handling this material.

Storage Needs: Store in a cool, dry, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Requirements: Local ventilation may be required during certain operations to maintain concentrations below recommended exposure limits.

Protective Equipment:

Eye/Type: Safety goggles or glasses required.

Respiratory/Type: A NIOSH/OSHA approved dust respirator should be worn. Determine the appropriate type by consulting the respirator manufacturer.

Gloves/Type: Wear protective gloves.

Clothing/Type: No special protective clothing is required.

Footwear/Type: No special footwear is required.

Body/Type: No special protective clothing is required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance: Powder. Slightly off-white.

Odour: Odourless.

Odour Threshold (ppm): Not applicable.

Vapour Density (Air=1): Not applicable.

Specific Gravity: Not available.

Vapour Pressure (mm Hg): Not applicable.

Evaporation Rate: Not applicable.

Boiling Point (°C): Not applicable.

Melting Point: Not available.

pH: Not applicable.

Solubility in Water (% W/W): Insoluble

Bulk Density: 0.25 - 0.37 g/ml.

Specific Density: Not available.

Coefficient of Water/Oil Distribution: Not applicable.

Freezing Point (°C): Not applicable.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Stability: The product is stable.

Conditions to Avoid: Avoid generating dust. Excessive temperatures. Humidity.

Incompatibility: Oxidizing materials.

Hazardous Products of Decomposition: Not available.

11. TOXICOLOGICAL INFORMATION

Toxicity Effects on Animals: Not available.

Toxic Effects on Humans: May cause eye irritation.

Chronic Effects on Animals: No specific information is available in our database regarding the other chronic toxic effects of this material for humans.

Carcinogenicity: No evidence of carcinogenic effects according to ACGIH or IARC.

Teratogenicity: No evidence of teratogen effects.

Mutagenicity: No evidence of mutagenic effects.

Reproductive Effects: No evidence of reproductive effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity Data: Not determined.

Products of Degradation: No specific information is available in our database regarding the degradation of this product.

Biodegradability: Our database contains no additional remark on the biodegradation of this product.

13. DISPOSAL CONSIDERATIONS

Disposal of Waste Method: Dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations.

14. TRANSPORT INFORMATION

TDG (Canada):

TDG Proper Shipping Name: Not Regulated.

Hazard Class: Not Applicable.

UN Number: Not Applicable.

Packing Group: Not Applicable.

Note: No additional remark.

Marine Pollutant: No.

DOT (U.S.):

DOT Shipping Name: Not Regulated.

DOT Hazardous Class: Not Applicable.

DOT UN Number: Not Applicable.

DOT Packing Group: Not Applicable.

DOT Reportable Quantity (lbs): Not Applicable.

Notes: No additional remark.

Marine Pollutant: No.

ICAO/IATA:

IATA Proper Shipping Name: Not Regulated.

IATA Hazard Class: Not Applicable.

UN Number: Not Applicable.

Packing Group: Not Applicable.

IATA Label: Not Applicable.

IATA Remarks: No additional remark.

IMDG:

IMDG Proper Shipping Name: Not Regulated.

Hazard Class: Not Applicable.

UN Number: Not Applicable.

Packing Group: Not Applicable.

Marine Pollutant: No.

IMDG Label: Not Applicable.

Remarks: No additional remark.

15. REGULATORY INFORMATION

WHMIS Classification: This is not a WHMIS controlled product.

CEPA Status: All the ingredients are on the DSL list.

16. OTHER INFORMATION

Additional Information:

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Disclaimer:

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*****END OF MSDS*****