



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Name ABC SUPER 90 DRY CHEMICAL

Other means of identification

Synonyms Multi-purpose Dry Chemical

Recommended use of the chemical and restrictions on use

Recommended Use Fire Suppression

Uses advised against Not for human or animal drug use

Details of the Supplier of the Safety Data Sheet

Extinguisher Manufacturer STRIKE FIRST CORPORATION
777 Tapscott Rd. Toronto Ontario
M1X 1A2

Contact Information Phone: (416) 299-7767
Fax: (416) 299-8039
Email: info@strike-first.com

Chemical Supplier Name STEEL FIRE EQUIPMENT LTD.

Supplier Address 150 SUPERIOR BLVD. MISSISSAUGA ON
L52 2L2 CANADA

Supplier Contact Numbers Phone: (905) 564-1500
Fax: (905) 564-0008
Email: sales@steelfire.com

Emergency Telephone Number CHEMTREC 1-800-424-9300 or
(703) 527-3887



2. HAZARDS IDENTIFICATION

This SDS covers the products as sold in pressurized and non-pressurized containers. GHS classifications for both are listed below.

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Label elements, including precautionary statements

<u>Hazard Symbol</u>	<u>Signal Word</u>	<u>Hazard Statement</u>
	<u>Warning</u>	<u>Contents under pressure, may explode if heated</u>
	<u>Warning</u>	<u>May cause skin, eye or respiratory irritation</u>

Emergency Overview

The product contains no substances which at their concentration, are considered to be hazardous to health.

Appearance Light Yellow **Physical State** Powder(s) Solid **Odor** Odorless

Precautionary Statements

None

- Prevention**Precautionary Statements**

None

- Response**Precautionary Statements**

None

- Storage**Precautionary Statements**

None

- Disposal**Hazards not otherwise classified (HNOC)**

Not applicable

Unknown Toxicity

1.2% of the mixture consists of ingredient(s) of unknown toxicity

Other information

Maybe harmful if swallowed

May cause slight eye irritation

Interactions with Other Chemicals

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms MULTI-PURPOSE DRY CHEMICAL

Chemical Name	CAS No	Weight - %	Trade Secret
Ammonium Sulfate	7783-20-2	1 – 5	*
Fullers Earth	8031-18-3	1 – 5	*
Mica	12001-26-2	1 – 5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin contact	Wash with soap and water.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects No information available.

Indication of any immediate medical attention and special treatment if needed

Notes to Physician Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Uniform Fire Code COMBUSTIBLE DUST/POWDER

Hazardous Combustion Products

Carbon oxides.

Explosion Data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHS/NIOSH (approved p or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin, eyes or clothing.

Environmental precautions

Environmental precautions Refer to protective measures listed in Sections 7 & 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Avoid generation of dust. Do not dry sweep dust. Wet dust with water before sweeping or use a vacuum to collect dust. Pick up and transfer to properly labeled containers. After cleaning flush away traces of water.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed. Keep/store only in original container.

Incompatible Products Strong oxidizing agents. Strong acids. Chlorinated compounds. Sodium hypochlorite.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mica 12001-26-2	TWA: 3 mg/m ³	TWA: 20mppcf (<1% crystalline silica) 3 mg/m ³ (vacated)	IDLH: 1500mg/m ³ containing <1% quartz TWA: 3 mg/m ³ respirable dust

ACGIH TLV: American Conference of Government Industrial Hygienist – Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration – Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Appropriate engineering controls

Engineering measures	Showers Eyewash stations Ventilation systems
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Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shield (or goggles).
Skin and body protection	Wear protective gloves and protective clothing.
Respiratory protection	No protective equipment is needed under normal conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required. Effective dust mask.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Physical and Chemical Properties**

Physical state	Powder (s)	Odor	Odorless
Appearance	Light Yellow	Odor Threshold	No information available
Color	Light Yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks</u>	<u>Method</u>
Ph	4 – 5	None known	
Melting / Freezing point	190 C	None known	
Boiling point /boiling range	No data available	None known	
Flash point	No data available	None known	
Evaporation rate	No data available	None known	
Flammability (solid, gas)	No data available	None known	
Flammability limit in air			
Upper flammability limit	Not flammable		
Lower flammability limit	Not Flammable		
Vapor pressure	No data available	None known	
Vapor density	No data available	None known	
Specific gravity	0.85	None known	
Water solubility	>33g/100ml	None known	
Solubility in other solvents	No data available	None known	
Partition coefficient: n-octanol/water	0	None known	
Decomposition temperature	100 – 120 C	None known	
Kinematic viscosity	No data available	None known	
Dynamic viscosity	0		
Explosive properties	No data available		
Oxidizing properties	No data available		