

Safety Data Sheet (SDS)

Safety Data Sheet prepared in accordance with OSHA's Hazard Communications Standard (29 CFR 1910.1200) and the Global Harmonized System of Classification and Labeling of Chemicals (GHS)

Product name Eliminator Self Service, Reloadable PK Dry Chemical Fire Extinguisher

1. Identification

1.1. Product Identifier

Product name Eliminator Self Service, Reloadable PK Dry Chemical Fire Extinguisher

1.2. Other means of identification

Product code Model Number: SELF SERVICE 0930002

Synonyms BC90, Dry Chemical Fire Extinguisher, Potassium Bicarbonate, Purple K, Potassium Hydrogen Carbonate

Chemical Family No information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use Fire extinguishing agent B & C class fires

Uses advised against A, D, & K class fires

1.4. Details of the Supplier of the Safety Data Sheet

Company Name RUSOH Inc.
3925 N. Hastings Way
Eau Claire, WI 54703

Contact point Customer Service Department at 1-800-318-2944

E-mail address contact@rusoh.com

1.5. Emergency Telephone Number

Emergency telephone CHEMTREC 800-424-9300 (USA and Canada)
Consumer Service Department at 1-800-318-2944 (Int'l)

2. Hazard Identification

2.1 Classification

OSHA Regulatory Status : Non-Pressurized

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and GHS.

2.2. Label Elements

Hazard statements

Non-hazardous

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

Precautionary Statements

Prevention – None

Response – None

Storage – None

Disposal – None

2.3. Hazards Not Otherwise Classified (HNOC)

Not Applicable.

3. Composition/information on Ingredients

3.1. Mixture

Chemical Name	CAS #	Concentration
Potassium Bicarbonate	298-14-6	90 +/- 3%
Mica	12001-26-2	<7%
Talcum Powder	1480796-6	<5%
Methyl H polysiloxane	63148-57-2	<1%

4. First aid measures

4.1. Description of first aid measures

Eye Contact	Rinse contact area immediately with plenty of water. If eye irritation or redness persists, seek medical advice/attention.
Skin contact	Wash skin with soap and water. Get medical attention if irritation persists.
Inhalation	Move to fresh air. If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
Ingestion	Administer large quantities of water to coherent victim and follow through with proper technique to induce vomiting. Seek medical advice thereafter.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

5.1. Suitable Extinguishing Media

Product is an extinguishing agent and is non-combustible.

5.2. Unsuitable Extinguishing Media

None.

5.3. Specific Hazards Arising from the Chemical

None in particular.

5.4. Explosion Data

Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.

5.5. Protective Equipment and Precautions for Firefighters

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

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions Provide adequate ventilation. Avoid creating dust. Avoid breathing dust/fume/gas/mist/vapors/spray.

For emergency responders Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

6.2. Environmental Precautions

Environmental Precautions Avoid disposing into drainage/sewer system or directly into the aquatic environment. Keeping away from drains, surface-and ground-water and soil.

6.3. Methods and material for containment and cleaning up

Methods for Containment Stop leak if you can do it without risk. If sweeping of a contaminated area is necessary use a dust suppressing agent which does not react with product.

Methods for Cleaning Up Transfer into suitable container for disposal or recovery.

7. Handling and Storage

7.1. Precautions for Safe Handling

Advice on safe handling Use personal protective equipment as required. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a well-ventilated place. Keep cool. Keep container tightly closed. Guard against dust accumulation of material. Keep away from alkaline and phosphate derived materials. Use care in handling/storage.

Incompatible Materials Strong caustic materials

8. Exposure Controls/Personal Protection

8.1. Control Parameters

Exposure guidelines

Chemical name	ACGIH	OSHA
Mica	TLV: 3mg/m ³ per respirable fraction	20 mppcf, <1% crystalline silica
Nuisance Dust		50 mppcf TWA (total allowed)

ACGIH (American Conference of Governmental Industrial Hygienists). OSHA (Occupational Safety and Health Administration of the US Department of Labor).

8.2. Appropriate Engineering Controls

Engineering controls Use adequate ventilation to keep airborne concentrations low

8.3. Individual protection measures, such as personal protective equipment

Eye/Face Protection	Wear safety glasses with side shields or chemical goggles.
Skin and Body Protection	No special precautions are needed in handling this material.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Ventilation	Use local exhaust or general dilution ventilation to control exposure with applicable limits

8.4. General hygiene considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical State	powder
Odor	None
odor threshold	No data available

<u>Property</u>	<u>VALUES</u>
pH	8.8 (1.0% soln)
Melting point	>100 °C
Boiling point / boiling range	No data available
Flash Point	> 300 °C
Evaporation Rate	No data available
flammability (solid, gas)	No data available
Flammability limit in air	
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific gravity	No data available
Water Solubility	No data available
Solubility in Other Solvents	No data available
Partition coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Kinematic viscosity	No data available

10. Stability and Reactivity

10.1. Chemical Stability

Stable under normal storage and handling conditions.

10.2. Reactivity

No data available

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

10.4. Conditions to Avoid

Humidity, incompatible materials

10.5. Incompatible Materials

Strong caustic materials

10.6. Hazardous decomposition products

Carbon Monoxide and Carbon Dioxide

11. Toxicological Information

11.1. Information on Likely Routes of Exposure

Product information

Inhalation	May cause irritation of respiratory tract.
Eye Contact	May cause irritation.
Skin Contact	May cause irritation.
Ingestion	Ingestion may cause irritation to mucous membranes.

Acute Toxicity

11.2. Information on Toxicological Effects

Symptoms No information available.

11.3. Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ Cell Mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive Toxicity	No information available.
STOT - Single Exposure	No information available.
STOT - Repeated Exposure	No information available.

Aspiration Hazard No information available.

12. Ecological Information

12.1. Toxicity Not classified

12.2. Persistence and Degradability No information available.

12.3. Mobility in Soil BC90 contains potassium bicarbonate which is a soil fertilizer

12.4. Bioaccumulation No information available.

12.5. Other Adverse Effects No information available

13. Disposal Considerations

13.1. Waste Treatment Methods

Disposal of wastes

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging

Do not reuse container.

14. Transport Information

DOT NOT REGULATED

TDG NOT REGULATED

MEX NOT REGULATED

15. Regulatory Information

15.1. International Inventories

TSCA	Complies
DSL/NDSL	Complies
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
ENCS - Japan Existing and New Chemical Substances **IECSC**
- China Inventory of Existing Chemical Substances **KECL** -
Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic health hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

15.3. US State Regulations

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

16. Other information, including date of preparation of the last revision

<u>NFPA</u>	Health Hazards 1	flammability 0	Instability 0	Physical and chemical properties -
<u>HMIS</u>	Health Hazards 1	flammability 0	Physical Hazards 0	Personal Protection X
Revision date	01/25/2018			
Revision note	No information available			

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End of Safety Data Sheet