

SECTION 1: Identification

1.1. Product identifier

Product name : Multi-purpose ABC Dry Chemical, Part No. OFP-ABC90

1.2. Recommended use and restrictions on use

Fire Extinguisher

1.3. Supplier

Oval Fire Products Corporation
115 West Lake Drive #300
Glendale Heights, IL 60139

1.4. Emergency telephone number

630-635-5000

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS-US/GHS-CA)

Not classified

2.2. GHS Label elements, including precautionary statements

GHS-US/GHS-CA labeling

No labeling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US/GHS-CA)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification (GHS-US/GHS-CA)
Monoammonium phosphate	(CAS No) 7722-76-1	> 94	Not classified
Mica	(CAS No) 12001-26-2	< 3	Not classified
Fuller's earth	(CAS No) 8031-18-3	< 3	Not classified
Siloxanes and Silicones, methyl hydrogen	(CAS No) 63148-57-2	< 1	Not classified
Carbonic acid, calcium salt (1:1)	(CAS No) 471-34-1	< 1	Not classified
Silica, amorphous, precipitated and gel	(CAS No) 112926-00-8	< 1	Not classified
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methylphenyl)-3-oxo-	(CAS No) 5468-75-7	< 1	Not classified

Full text of classification categories and H statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : If chemical is inhaled, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. If reddening or irritation occurs, victim and rescuers must seek immediate medical attention.
- First-aid measures after skin contact : If spilled on skin, immediately begin decontamination with running water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. If reddening or irritation occurs, victim and rescuers must seek immediate medical attention.

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First-aid measures after eye contact	: If chemical is splashed in eyes, open victim's eyes while under gentle running water. Use sufficient force to open eyelids. Have victim "roll" eyes. Minimum flushing is for 15 minutes.
First-aid measures after ingestion	: If chemical is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTRE FOR MOST CURRENT INFORMATION. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/injuries after inhalation	: Inhalation of this product should be avoided, but if it occurs, may cause mild irritation of the nose, throat, and other tissues of the respiratory system.
Symptoms/injuries after skin contact	: No component of this product is known to absorb through the skin.
Symptoms/injuries after eye contact	: Contact of dust from this product with the eyes may cause moderate irritation, reddening of the affected eye, and discomfort.
Symptoms/injuries after ingestion	: Ingestion of this product may cause gastric distress.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : None. This product is a fire extinguishing agent.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : None.

5.3. Specific hazards arising from the hazardous product

Fire hazard	: When involved in a fire, this material may decompose and produce irritating fumes and toxic gases including sulfur oxides, carbon dioxide and carbon monoxide.
Explosion hazard	: None known.

5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

6.2. Methods and materials for containment and cleaning up

For containment	: Uncontrolled releases should be responded to by trained personnel using preplanned procedures. Proper protective equipment should be used. In case of spill, clear the affected area, protect people, and respond with trained personnel.
Methods for cleaning up	: Sweep up the spilled solid and place all spill residue in a double plastic bag and seal. Dispose of in accordance with Federal, Provincial, and local hazardous waste disposal regulations.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid getting chemicals ON YOU or IN YOU. Wash hands after handling chemicals. Do not eat or drink while handling chemicals. All employees who handle this material should be trained to handle it safely. Avoid breathing dusts generated by this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Always use this product in areas where adequate ventilation is provided.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Mica (12001-26-2)		
USA - ACGIH	ACGIH TWA (mg/m ³)	3 mg/m ³ (respirable particulate matter)
Canada (Quebec)	VEMP (mg/m ³)	3 mg/m ³ (containing no Asbestos and <1% Crystalline silica-respirable dust)
Alberta	OEL TWA (mg/m ³)	3 mg/m ³ (respirable)
British Columbia	OEL TWA (mg/m ³)	3 mg/m ³ (respirable)
Manitoba	OEL TWA (mg/m ³)	3 mg/m ³ (respirable particulate matter)
New Brunswick	OEL TWA (mg/m ³)	3 mg/m ³ (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction)
New Foundland & Labrador	OEL TWA (mg/m ³)	3 mg/m ³ (respirable particulate matter)

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Mica (12001-26-2)		
Nova Scotia	OEL TWA (mg/m ³)	3 mg/m ³ (respirable particulate matter)
Nunavut	OEL STEL (mg/m ³)	6 mg/m ³ (respirable fraction)
Nunavut	OEL TWA (mg/m ³)	3 mg/m ³ (respirable fraction)
Northwest Territories	OEL STEL (mg/m ³)	6 mg/m ³ (respirable fraction)
Northwest Territories	OEL TWA (mg/m ³)	3 mg/m ³ (respirable fraction)
Ontario	OEL TWA (mg/m ³)	3 mg/m ³ (respirable)
Prince Edward Island	OEL TWA (mg/m ³)	3 mg/m ³ (respirable particulate matter)
Québec	VEMP (mg/m ³)	3 mg/m ³ (containing no Asbestos and <1% Crystalline silica-respirable dust)
Saskatchewan	OEL STEL (mg/m ³)	6 mg/m ³ (respirable fraction)
Saskatchewan	OEL TWA (mg/m ³)	3 mg/m ³ (respirable fraction)
Yukon	OEL TWA (mg/m ³)	20 mppcf

Carbonic acid, calcium salt (1:1) (471-34-1)		
Canada (Quebec)	VEMP (mg/m ³)	10 mg/m ³ (total dust)
Alberta	OEL TWA (mg/m ³)	10 mg/m ³
Nunavut	OEL STEL (mg/m ³)	20 mg/m ³
Nunavut	OEL TWA (mg/m ³)	10 mg/m ³
Northwest Territories	OEL STEL (mg/m ³)	20 mg/m ³
Northwest Territories	OEL TWA (mg/m ³)	10 mg/m ³
Québec	VEMP (mg/m ³)	10 mg/m ³ (total dust)
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³
Yukon	OEL STEL (mg/m ³)	20 mg/m ³
Yukon	OEL TWA (mg/m ³)	30 mppcf

Silica, amorphous, precipitated and gel (112926-00-8)		
Canada (Quebec)	VEMP (mg/m ³)	6 mg/m ³ (containing no Asbestos and <1% Crystalline silica-respirable dust)
British Columbia	OEL TWA (mg/m ³)	4 mg/m ³ (total)
New Brunswick	OEL TWA (mg/m ³)	10 mg/m ³
Nunavut	OEL STEL (mg/m ³)	20 mg/m ³
Nunavut	OEL TWA (mg/m ³)	10 mg/m ³
Northwest Territories	OEL STEL (mg/m ³)	20 mg/m ³
Northwest Territories	OEL TWA (mg/m ³)	10 mg/m ³
Québec	VEMP (mg/m ³)	6 mg/m ³ (containing no Asbestos and <1% Crystalline silica-respirable dust)
Saskatchewan	OEL STEL (mg/m ³)	20 mg/m ³
Saskatchewan	OEL TWA (mg/m ³)	10 mg/m ³

8.2. Appropriate engineering controls

Appropriate engineering controls : Local exhaust and general ventilation must be adequate to meet exposure standards.

8.3. Individual protection measures/Personal protective equipment

Hand protection : Wear rubber gloves for routine industrial use. Use triple gloves for spill response.

Eye protection : Safety glasses.

Skin and body protection : Wear suitable working clothes.

Respiratory protection : If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Finely divided powder
Color	: Yellow
Odor	: Odorless.
Odor threshold	: No data available
pH	: 4 - 5 (10% solution)
pH solution	: No data available

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Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: Not applicable
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor density	: < 1 mm Hg
Vapor pressure at 50 °C	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Relative density of saturated gas/air mixture	: No data available
Specific gravity / density	: Approx. 0.85
Relative gas density	: No data available
Solubility	: Insoluble.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Chemical stability	: The product is stable at normal handling and storage conditions.
Possibility of hazardous reactions	: Will not occur.
Conditions to avoid	: Incompatible materials.
Incompatible materials	: Strong alkalis, magnesium, swimming pool sanitizers (inorganic perchlorates, sodium dichloroisocyanurate dehydrate, trichloroisocyanuric acid, calcium hypochlorite, and other strong oxidizers).
Hazardous decomposition products	: Sulfur oxides, carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Monoammonium phosphate (7722-76-1)	
LD50 oral rat	5750 mg/kg
LD50 dermal rabbit	> 7940 mg/kg
Carbonic acid, calcium salt (1:1) (471-34-1)	
LD50 oral rat	6450 mg/kg
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methylphenyl)-3-oxo- (5468-75-7)	
LD50 oral rat	> 5 g/kg
Skin corrosion/irritation	: Not classified pH: 4 - 5 (10% solution)
Serious eye damage/irritation	: Not classified pH: 4 - 5 (10% solution)
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

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Specific target organ toxicity (single exposure) : Not classified
Specific target organ toxicity (repeated exposure) : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Monoammonium phosphate (7722-76-1)

BCF fish 1	(no bioaccumulation expected)
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Carbonic acid, calcium salt (1:1) (471-34-1)

BCF fish 1	(no bioaccumulation)
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

GWPmix comment : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

14.1. Basic shipping description

In accordance with TDG

TDG

Not regulated for transport

14.2. Transport information/DOT

DOT

Not regulated for transport

SECTION 15: Regulatory information

15.1. Canada regulations

Monoammonium phosphate (7722-76-1)

Listed on the Canadian DSL (Domestic Substances List)

Mica (12001-26-2)

Listed on the Canadian DSL (Domestic Substances List)

Fuller's earth (8031-18-3)

Listed on the Canadian DSL (Domestic Substances List)

Siloxanes and Silicones, methyl hydrogen (63148-57-2)

Listed on the Canadian DSL (Domestic Substances List)

Carbonic acid, calcium salt (1:1) (471-34-1)

Listed on the Canadian DSL (Domestic Substances List)

Silica, amorphous, precipitated and gel (112926-00-8)

Listed on the Canadian DSL (Domestic Substances List)

Butanamide, 2,2'-[[3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bis[N-(2-methylphenyl)-3-oxo- (5468-75-7)

Listed on the Canadian DSL (Domestic Substances List)

15.2. US Federal regulations

Monoammonium phosphate (7722-76-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

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Fuller's earth (8031-18-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Siloxanes and Silicones, methyl hydrogen (63148-57-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Carbonic acid, calcium salt (1:1) (471-34-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(2-methylphenyl)-3-oxo- (5468-75-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.3. US State regulations

Mica (12001-26-2)

U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Silica, amorphous, precipitated and gel (112926-00-8)

U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product