

SAFETY DATA SHEET

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NGHS / English



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1. IDENTIFICATION

Product identifier

Product Name Fire Extinguisher (B456, B417, B500, A411)

Other means of identification

Product Code(s) 1634781

Recommended use of the chemical and restrictions on use

Recommended Use Fire extinguishing agent - Gas

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification Amerex Corp

Address P.O. Box 81
Trussville
Alabama
35173
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Emergency telephone number

Company Emergency Phone Number 2056553271

2. HAZARDS IDENTIFICATION

Classification

Carcinogenicity	Category 1A
Specific target organ toxicity (repeated exposure)	Category 1
Gases under pressure	Compressed Gas
Simple asphyxiants	Category 1



Appearance Yellow**Physical state** Compressed gas Gas**Odor** Odorless**GHS Label elements, including precautionary statements****Danger****Hazard statements**

May cause cancer

Causes damage to organs through prolonged or repeated exposure

Contains gas under pressure; may explode if heated

May displace oxygen and cause rapid suffocation

**Precautionary Statements - Prevention**

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves/protective clothing/eye protection/face protection

Do not breathe dust/fume/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Protect from sunlight. Store in a well-ventilated place

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other information

May be harmful if swallowed. Toxic to aquatic life with long lasting effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS
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Substance

Not applicable.

Mixture

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA)	Date HMIRA filed and date exemption granted (if applicable)

			registry #)	
Ammonium sulfate	7783-20-2	45	-	-
Attapulgite	12174-11-7	8	-	-
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-bi phenyl]-4,4'-diyl	5468-75-7	0.99	-	-

4. FIRST AID MEASURES

Description of first aid measures

General advice	IF exposed or concerned: Get medical advice/attention. Show this safety data sheet to the doctor in attendance.
Inhalation	Remove to fresh air. IF exposed or concerned: Get medical advice/attention.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Get medical attention if symptoms occur.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.
Specific hazards arising from the chemical	Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Ruptured cylinders may rocket.
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Mechanical Impact	Yes.
Sensitivity to Static Discharge	None.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES



Personal precautions, protective equipment and emergency procedures

Personal precautions Contents under pressure. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Do not breathe dust/fume/gas/mist/vapors/spray. Do not puncture or incinerate cans.

Other Information Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways.

Methods for cleaning up Avoid breathing dust or spray mist. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Contents under pressure. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Do not puncture or incinerate cans. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Attapulgit 12174-11-7	TWA: 1 mg/m ³ respirable particulate matter	-		
Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Attapulgit 12174-11-7		TWA: 1.0 mg/m ³	TWA: 1 mg/m ³	TWA: 1 fibre/cm ³

Other Exposure Guidelines See section 15 for national exposure control parameters.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.



Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Hand protection	Wear suitable gloves.
Skin and body protection	Wear suitable protective clothing.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General hygiene considerations	Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Compressed gas; Gas
Appearance	Yellow
Odor	Odorless
Color	No information available
Odor Threshold	No data available

Property	Values	Remarks Method
pH	No data available	None known
Melting / freezing point	No data available	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		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.8	
Water Solubility	Very low solubility	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	NH4H2PO4 Est: -0.48	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other Information

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Excessive heat.
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract. (based on components).
Eye contact	Specific test data for the substance or mixture is not available. Contact with eyes may cause irritation. (based on components).
Skin contact	Specific test data for the substance or mixture is not available. May cause irritation. (based on components).
Ingestion	Specific test data for the substance or mixture is not available. May be harmful if swallowed. (based on components).

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	None known.
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Numerical measures of toxicity

Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	3,420.40 mg/kg
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Unknown acute toxicity No information available

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ammonium sulfate	= 2840 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Butanamide, 2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl	> 5 g/kg (Rat)	-	> 230 mg/m ³ (Rat) 4 h

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

Skin corrosion/irritation	May cause skin irritation.
Serious eye damage/eye irritation	Irritating to eyes.

Respiratory or skin sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	Contains a known or suspected carcinogen. Classification based on data available for ingredients. May cause cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Attapulgite 12174-11-7	-	Group 2B Group 3	-	X

Legend

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ammonium sulfate	No data available	96h LC50: 123 - 128 mg/L (Poecilia reticulata) 96h LC50: 32.2 - 41.9 mg/L (Oncorhynchus mykiss) 96h LC50: 5.2 - 8.2 mg/L (Oncorhynchus mykiss) 96h LC50: = 126 mg/L (Poecilia reticulata) 96h LC50: = 18 mg/L (Cyprinus carpio) 96h LC50: = 250 mg/L (Brachydanio rerio) 96h LC50: = 420 mg/L (Brachydanio rerio) 96h LC50: = 480 mg/L (Brachydanio rerio) 96h LC50: > 100 mg/L (Pimephales promelas)	No data available	48h LC50: = 14 mg/L (Daphnia magna)

Persistence and Degradability No information available.

Bioaccumulation



Component Information

Chemical name	Partition coefficient
Ammonium sulfate	-5.1

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

California Waste Codes 141

14. TRANSPORT INFORMATION

DOT

UN-No. UN1044
Proper Shipping Name FIRE EXTINGUISHERS
Hazard Class 2.2
Description UN1044, FIRE EXTINGUISHERS, 2.2, LTD QTY
Emergency Response Guide Number 126

TDG

UN-No. UN1044
Proper Shipping Name FIRE EXTINGUISHERS
Hazard Class 2.2
Description UN1044, FIRE EXTINGUISHERS, 2.2, LTD QTY

MEX

UN-No. UN1044
Proper Shipping Name FIRE EXTINGUISHERS
Hazard Class 2.2
Description UN1044, FIRE EXTINGUISHERS, 2.2

ICAO

UN-No. UN1044
Proper Shipping Name FIRE EXTINGUISHERS
Hazard Class 2.2
Description UN1044, FIRE EXTINGUISHERS, 2.2

IATA

UN-No. UN1044
Proper Shipping Name FIRE EXTINGUISHERS
Hazard Class 2.2
ERG Code 2L
Description UN1044, FIRE EXTINGUISHERS, 2.2



IMDG/IMO

UN-No.	UN1044
Proper Shipping Name	FIRE EXTINGUISHERS
Hazard Class	2.2
EmS-No.	F-C, S-V
Description	UN1044, FIRE EXTINGUISHERS, 2.2, MARINE POLLUTANT

RID

UN-No.	UN1044
Proper Shipping Name	FIRE EXTINGUISHERS
Hazard Class	2.2
Classification code	6A
Description	UN1044, FIRE EXTINGUISHERS, 2.2, ENVIRONMENTALLY HAZARDOUS
ADR/RID-Labels	2.2

ADR

UN-No.	UN1044
Proper Shipping Name	FIRE EXTINGUISHERS
Hazard Class	2.2
Classification code	6A
Tunnel restriction code	(E)
Description	UN1044, FIRE EXTINGUISHERS, 2.2, (E), ENVIRONMENTALLY HAZARDOUS

ADN

UN-No.	UN1044
Proper Shipping Name	FIRE EXTINGUISHERS
Hazard Class	2.2
Classification code	6A
Special Provisions	225, 594
Description	UN1044, FIRE EXTINGUISHERS, 2.2, ENVIRONMENTALLY HAZARDOUS
Hazard Labels	2.2
Limited Quantity	120 ML

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDSL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances



KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ammonium sulfate - 7783-20-2	7783-20-2	45	1.0

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

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

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Attapulгите - 12174-11-7	carcinogen, 12/28/1999 (>5 µm in length)
Silicon Dioxide - hydrated - 7631-86-9	carcinogen, 10/1/1988 (airborne particles of respirable size)

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Ammonium sulfate 7783-20-2		X	X	X	
Attapulгите 12174-11-7					X

16. OTHER INFORMATION

NFPA Health hazards 1 Flammability 0 Instability 0 Physical and Chemical Properties SA
HMIS Health hazards 1* Flammability 0 Physical hazards 0 Personal Protection X
 Chronic Hazard Star Legend * = Chronic Health Hazard

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Disclaimer

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End of Safety Data Sheet