

Common Name: COMMERCIAL ABC DRY CHEMICAL (FIRE EXTINGUISHING AGENT)

Manufacturer: KIDDE

MSDS Revision Date: 3/4/2010

Grainger Item Number(s): 1DGV4, 1FBJ9, 1FBK1, 1RK32, 2EHE6, 4T300, 4T301, 4T889, 4XP78, 4XP83, 4XP84, 4XP87, 4XP88, 4XP89, 4XP90, 5T899, 5T903, 5T904

KIDDE
A UTC FIRE & SECURITY COMPANY

MATERIAL SAFETY DATA SHEET

COMMERCIAL ABC DRY CHEMICAL

(FIRE EXTINGUISHING AGENT)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATIONS

AND OF THE COMPANY UNDERTAKING

PRODUCT NAME: COMMERCIAL ABC DRY CHEMICAL (FIRE EXTINGUISHING AGENT)

OTHER TRADE NAMES: MULTI-PURPOSE, AMMONIUM PHOSPHATE, MONOAMMONIUM PHOSPHATE

PRODUCT DESCRIPTION: FIRE EXTINGUISHING AGENT

MANUFACTURER/SUPPLIER: KIDDE - RESIDENTIAL AND COMMERCIAL

ADDRESS:
1016 CORPORATE PARK DRIVE
MEBANE, NC 27302
USA

PHONE NUMBER:
(919) 563-5911
(919) 304-8200

CHEMTREC NUMBER (FOR EMERGENCIES ONLY):
(800) 424-9300
(703) 527-3887 (INTERNATIONAL)

REVISION DATE: MARCH 4, 2010

MSDS DATE: JANUARY 15, 2007

SAFETY DATA SHEET ACCORDING TO EC DIRECTIVE 2001/59/EC AND OSHA'S HAZCOM STANDARD (29 CFR 1910.1200)

2. HAZARDS IDENTIFICATION

EU MAIN HAZARDS: NON HAZARDOUS POWDER

ROUTES OF ENTRY:

EYE CONTACT
INHALATION
SKIN CONTACT

CARCINOGENIC STATUS: SEE SECTION 11 - TOXICITY

TARGET ORGANS:

RESPIRATORY SYSTEM
SKIN
EYE

HEALTH EFFECTS - EYES: CONTACT FOR SHORT PERIODS OF TIME MAY CAUSE IRRITATION.

HEALTH EFFECTS - SKIN: CONTACT MAY CAUSE MILD IRRITATION.

HEALTH EFFECTS - INGESTION: INGESTION IS NOT AN EXPECTED ROUTE OF EXPOSURE.

HEALTH EFFECTS - INHALATION:

MAY IRRITATE THE RESPIRATORY TRACT. MAY CAUSE TRANSIENT COUGH AND SHORTNESS OF BREATH.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT NAME CLASSIFICATION	CAS#/CODES	CONCENTRATION	R PHRASES	EU
MONOAMMONIUM PHOSPHATE	7722-76-1 EC#2317645	55 - 65%	NONE	NONE
AMMONIUM SULFATE	7783-20-2 EC#2319841	30 - 40%	NONE	NONE
MICA	12001-26-2	1 - 4%	NONE	NONE
CLAY	8031-18-3	<2%	NONE	NONE
AMORPHOUS SILICA	7631-86-9 EC#2315454	<2%	NONE	NONE
DYE	NA	<0.1%	NONE	NONE

4. FIRST AID MEASURES

EYES:

IMMEDIATELY FLOOD THE EYE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, HOLDING THE EYE OPEN. OBTAIN MEDICAL ATTENTION IF SORENESS OR REDNESS PERSISTS.

SKIN:

WASH AFFECTED AREA WITH SOAP AND WATER. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.

INGESTION:

DILUTE BY DRINKING LARGE QUANTITIES OF WATER AND OBTAIN MEDICAL ATTENTION.

INHALATION:

MOVE VICTIM TO FRESH AIR. OBTAIN MEDICAL ATTENTION IMMEDIATELY FOR ANY BREATHING DIFFICULTY.

ADVICE TO PHYSICIANS: TREAT SYMPTOMATICALLY.

5. FIRE - FIGHTING MEASURES

EXTINGUISHING MEDIA:

THIS PREPARATION IS USED AS AN EXTINGUISHING AGENT AND THEREFORE IS NOT A PROBLEM WHEN TRYING TO CONTROL A BLAZE. USE EXTINGUISHING AGENT APPROPRIATE TO OTHER MATERIALS INVOLVED. KEEP PRESSURIZED EXTINGUISHERS AND SURROUNDINGS COOL WITH WATER SPRAY AS THEY MAY RUPTURE OR BURST IN THE HEAT OF A FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

PRESSURIZED CONTAINERS MAY EXPLODE IN HEAT OF FIRE.

PROTECTIVE EQUIPMENT FOR FIRE-FIGHTING:

WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS AS APPROPRIATE FOR SPECIFIC FIRE CONDITIONS.

6. ACCIDENTAL RELEASE MEASURES

SWEEP UP OR VACUUM. PREVENT SKIN AND EYE CONTACT. WEAR APPROPRIATE PROTECTIVE EQUIPMENT.

7. HANDLING AND STORAGE

PRESSURIZED EXTINGUISHERS SHOULD BE PROPERLY STORED AND SECURED TO PREVENT FALLING OR BEING KNOCKED OVER. DO NOT DRAG, SLIDE OR ROLL EXTINGUISHERS. DO NOT DROP EXTINGUISHERS OR PERMIT THEM TO STRIKE AGAINST EACH OTHER. NEVER APPLY FLAME OR LOCALIZED HEAT DIRECTLY TO ANY PART OF THE EXTINGUISHER OR PLASTIC CONTAINER. STORE PRESSURIZED EXTINGUISHERS AND PLASTIC CONTAINERS AWAY FROM HIGH HEAT SOURCES.

STORAGE AREA SHOULD BE:

COOL - DRY - WELL VENTILATED - UNDER COVER - OUT OF DIRECT SUNLIGHT

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE STANDARDS:
OCCUPATIONAL EXPOSURE LIMITS ARE LISTED BELOW, IF THEY EXIST.

MICA:
ACGIH TLV: 3 MG/M3 TWA, MEASURED AS RESPIRABLE FRACTION OF THE AEROSOL.
OSHA PEL: 20 MPPCF, <1% CRYSTALLINE SILICA

NUISANCE DUST LIMIT:

OSHA PEL:
50 MPPCF OR 15 MG/M3 TWA, TOTAL DUST
15 MPPCF OR 5 MG/M3 TWA, RESPIRABLE FRACTION

ENGINEERING CONTROL MEASURES:
USE WITH ADEQUATE VENTILATION. THERE SHOULD BE LOCAL PROCEDURES FOR THE SELECTION, TRAINING, INSPECTION AND MAINTENANCE OF THIS EQUIPMENT. WHEN USED IN LARGE VOLUMES, USE LOCAL EXHAUST VENTILATION.

RESPIRATORY PROTECTION:
NOT NORMALLY REQUIRED. USE DUST MASK WHERE DUSTINESS IS PREVALENT, OR TLV IS EXCEEDED.

HAND PROTECTION:
NOT NORMALLY NEEDED WHEN USED AS A PORTABLE FIRE EXTINGUISHER. USE GLOVES IF IRRITATION OCCURS.

EYE PROTECTION: CHEMICAL GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

BODY PROTECTION: NORMAL WORK WEAR.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: POWDER

COLOR: PALE YELLOW

ODOR: ODORLESS

SPECIFIC GRAVITY: NOT AVAILABLE

BOILING RANGE/POINT (DEG. C/F): NOT APPLICABLE

FLASH POINT (PMCC) (DEG. C/F): NOT FLAMMABLE

SOLUBILITY IN WATER: NOT APPLICABLE

VAPOR DENSITY (AIR = 1): HEAVIER THAN AIR.

VAPOR PRESSURE: NOT APPLICABLE

EVAPORATION RATE: NOT APPLICABLE

10. STABILITY AND REACTIVITY

STABILITY: STABLE UNDER NORMAL CONDITIONS.

CONDITIONS TO AVOID: HEAT - HIGH TEMPERATURES - EXPOSURE TO DIRECT SUNLIGHT

MATERIALS TO AVOID:

STRONG OXIDIZING AGENTS - STRONG ACIDS - SODIUM HYPOCHLORITE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

HAZARDOUS DECOMPOSITION PRODUCTS:

OXIDES OF CARBON - AMMONIA - OXIDES OF PHOSPHORUS - NITROGEN OXIDES

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: LOW ORDER OF ACUTE TOXICITY.

CHRONIC TOXICITY/CARCINOGENICITY:

THIS PRODUCT IS NOT EXPECTED TO CAUSE LONG TERM ADVERSE HEALTH EFFECTS.

MICA AND CLAY MAY CONTAIN SMALL QUANTITIES OF QUARTZ (CRYSTALLINE SILICA) AS AN IMPURITY. PROLONGED EXPOSURE TO RESPIRABLE CRYSTALLINE SILICA DUST AT CONCENTRATIONS EXCEEDING THE OCCUPATIONAL EXPOSURE LIMITS MAY INCREASE THE RISK OF DEVELOPING A DISABLING LUNG DISEASE KNOWN AS SILICOSIS. IARC FOUND LIMITED EVIDENCE FOR PULMONARY CARCINOGENICITY OF CRYSTALLINE SILICA IN HUMANS.

GENOTOXICITY: THIS PRODUCT IS NOT EXPECTED TO CAUSE ANY MUTAGENIC EFFECTS.

REPRODUCTIVE/DEVELOPMENTAL TOXICITY:

THIS PRODUCT IS NOT EXPECTED TO CAUSE ADVERSE REPRODUCTIVE EFFECTS.

12. ECOLOGICAL INFORMATION

MOBILITY: NO RELEVANT STUDIES IDENTIFIED.

PERSISTENCE/DEGRADABILITY: NO RELEVANT STUDIES IDENTIFIED.

BIO-ACCUMULATION: NO RELEVANT STUDIES IDENTIFIED.

ECOTOXICITY: NO RELEVANT STUDIES IDENTIFIED.

13. DISPOSAL CONSIDERATIONS

DISPOSE OF CONTAINER IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND NATIONAL

REGULATIONS. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR TO THE CONTAINER. NO HARM TO THE ENVIRONMENT IS EXPECTED FROM THIS PREPARATION.

14. TRANSPORT INFORMATION

DOT CFR 172.101 DATA: NOT REGULATED

UN PROPER SHIPPING NAME: NOT REGULATED

UN CLASS: NONE

UN NUMBER: NONE

UN PACKAGING GROUP: NONE

15. REGULATORY INFORMATION

EU LABEL INFORMATION:

CLASSIFICATION AND LABELLING HAVE BEEN PERFORMED ACCORDING TO EU DIRECTIVES 67/548/EEC AND 99/45/EC INCLUDING AMENDMENTS (2001/60/EC AND 2006/8/EC)

EU HAZARD SYMBOL AND INDICATION OF DANGER.:
THIS PREPARATION IS NOT CLASSIFIED AS DANGEROUS.

R PHRASES: NONE

S PHRASES: NONE.

US REGULATIONS (FEDERAL, STATE) AND INTERNATIONAL CHEMICAL REGISTRATION LAWS:

TSCA LISTING:

THIS PRODUCT CONTAINS INGREDIENTS THAT ARE LISTED ON OR EXEMPT FROM LISTING ON THE EPA TOXIC SUBSTANCE CONTROL ACT CHEMICAL SUBSTANCE INVENTORY.

EINECS LISTING:

ALL INGREDIENTS IN THIS PRODUCT HAVE NOT BEEN VERIFIED FOR LISTING ON THE EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES (EINECS) OR THE EUROPEAN LIST OF NEW CHEMICAL SUBSTANCES (ELINCS).

DSL/NDSL (CANADIAN) LISTING:

ALL INGREDIENTS IN THIS PRODUCT ARE LISTED ON THE DOMESTIC SUBSTANCE LIST (DSL) OR THE NON-DOMESTIC SUBSTANCE LIST (NDSL) OR ARE EXEMPT FROM LISTING.

WHMIS CLASSIFICATION: D2B

THIS PRODUCT WAS CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THESE REGULATIONS.

MA RIGHT TO KNOW LAW:

ALL COMPONENTS HAVE BEEN CHECKED FOR INCLUSION ON THE MASSACHUSETTS

SUBSTANCE LIST (MSL).

THOSE COMPONENTS PRESENT AT OR ABOVE THE DE MINIMIS CONCENTRATION INCLUDE:

MICA	(12001-26-2)	1 - 4%
AMORPHOUS SILICA	(7631-86-9)	<2%
AMMONIUM SULFATE	(7783-20-2)	30 - 40%

PA RIGHT TO KNOW LAW:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS FOUND ON THE PENNSYLVANIA HAZARDOUS SUBSTANCE LIST:

MICA	(12001-26-2)	1 - 4%
AMORPHOUS SILICA	(7631-86-9)	<2%
AMMONIUM SULFATE	(7783-20-2)	30 - 40%

NJ RIGHT TO KNOW LAW:

THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS FOUND ON THE NJ RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:

MICA	(12001-26-2)	1 - 4%
AMORPHOUS SILICA	(7631-86-9)	<2%

CALIFORNIA PROPOSITION 65:

THIS PRODUCT DOES NOT CONTAIN MATERIALS WHICH THE STATE OF CALIFORNIA HAS FOUND TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

SARA TITLE III SECT. 302 (EHS):

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS SUBJECT TO SARA TITLE III SECTION 302.

SARA TITLE III SECT. 304:

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS SUBJECT TO SARA TITLE III SECTION 304.

SARA TITLE III SECT. 311/312 CATEGORIZATION: IMMEDIATE (ACUTE) HEALTH HAZARD

SARA TITLE III SECT. 313:

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS THAT ARE LISTED IN SECTION 313 AT OR ABOVE DE MINIMIS CONCENTRATIONS.

16. OTHER INFORMATION

NFPA RATINGS:

NFPA CODE FOR HEALTH	1
NFPA CODE FOR FLAMMABILITY	0

NFPA CODE FOR REACTIVITY 0
NFPA CODE FOR SPECIAL HAZARDS NONE

HMIS RATINGS:

HMIS CODE FOR HEALTH 1
HMIS CODE FOR FLAMMABILITY 0
HMIS CODE FOR REACTIVITY 0
HMIS CODE FOR PERSONAL PROTECTION SEE SECTION 8

ABBREVIATIONS:

N/A: DENOTES NO APPLICABLE INFORMATION FOUND OR AVAILABLE
CAS#: CHEMICAL ABSTRACTS SERVICE NUMBER
ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
TLV: THRESHOLD LIMIT VALUE
PEL: PERMISSIBLE EXPOSURE LIMIT
STEL: SHORT TERM EXPOSURE LIMIT
NTP: NATIONAL TOXICOLOGY PROGRAM
IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
R: RISK
S: SAFETY

PREPARED BY: ENVIRONET LLC.

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