

MATERIAL SAFETY DATA SHEET

DRI-ONE® FLAME RETARDANT

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MANUFACTURER:

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PRODUCT NAME:

DRI-ONE® FLAME RETARDANT

HAZARD RATING (NFPA 704)
HEALTH: 1
FIRE: 0
REACTIVITY: 1
SPECIAL: OXY

HAZARD RATING SCALE:
0 = MINIMAL 3 = SERIOUS
1 = SLIGHT 4 = SEVERE
2 = MODERATE

PHYSICAL PROPERTIES

BOILING POINT, DEG. F: 320 (DEC)
MELTING POINT, DEG. F: 267.8
SPECIFIC GRAVITY, (WATER=1): 0.95
pH: 6.8

VAPOR PRES., MM HG/20
VAPOR DEN. (AIR=1): N/A
WATER SOLUBILITY, %: >50

FIRST AID MEASURES

IN CASE OF EYE CONTACT: Immediately flush eyes with clear water. Seek medical attention if irritation persists.
IN CASE OF SKIN IRRITATION: Immediately wash skin with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists after washing.
IF SWALLOWED: Do not induce vomiting. Drink several glass of water. Seek medical attention if necessary.

TOXICITY DATA

ORAL: RAT LD50 = 1.6 G/KG
DERMAL: Repeated application of 20% or 50% aqueous solutions to rat skin did not irritate the skin.
INHALATION: No data found.
CARCINOGENICITY: This matter is not considered to be a carcinogen by the National Toxicology Program, the International Agency for Research on Cancer, or the Occupational Safety and Health Administration.
OTHER DATA: None.

PERSONAL PROTECTION

PROTECTIVE CLOTHING: Rubber gloves, bib aprons and rubber boots should be worn if in constant contact with the product.
VENTILATION: Maintain adequate ventilation if used in an enclosed area.

FIRE AND EXPLOSION INFORMATION

FLASH POINT, DEG. F: None
EXTINGUISHING MEDIA: This material is not combustible. Use extinguishing media appropriate for surrounding fire.

HAZARDOUS REACTIVITY

STABILITY;

Stable. POLYMERIZATION: Will not occur.
DECOMPOSITION PRODUCTS: In liquid form there may be faint odor of ammonia and oxide traces of sulfur and nitrogen.

PHYSICAL AND CHEMICAL PROPERTIES

SULFAMIC ACID DERIVATIVE – 15.5%
NITROGENOUS COMPOUND – 16.54%
WATER AND WETTING AGENTS – 67.96%

SPECIAL PRECAUTIONS

STORAGE: Store in plastic containers.
CORROSIVENESS: DRI-ONE® is mildly corrosive to metal. Do not store in metal containers. Wash all metal spray equipment and metal surfaces exposed to DRI-ONE® with clear water.
HAZARDS TO PLANTS: DRI-ONE® is very high in nitrogen content and could burn plants. Soak the ground around any plants with clear water if they come in contact with the chemical.

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