MATERIAL SAFETY DATA SHEET



TREXCIDE 452

HMIS NFPA		NFPA	Personal protective equipment				
Health	3	3	ma.				
Fire Hazard	0	0					
Reactivity	0	0					

Version Number: 1 Preparation date: 2005-01-26

PRODUCT AND COMPANY IDENTIFICATION

TREXCIDE 452 Product name: MSDS #: 46321500275 Product code: 3655336 Recommended use: Biocide.

Manufacturer, importer, supplier:

Canadian Headquarters **US** Headquarters Johnson Diversey, Inc. JohnsonDiversey - Canada, Inc.

8310 16th St. 2401 Bristol Circle Sturtevant, Wisconsin 53177-0902 Oakville, Ontario L6H 6P1 Phone: 1-888-352-2249 Phone: 1-800-668-3131

MSDS Internet Address: www.johnsondiversey.com

1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México) Emergency telephone number:

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE $\,$. HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN .

Principle routes of exposure: Eyes. Skin. Inhalation. Skin Absorption.

Skin contact: Prolonged or repeated contact may dry skin and cause irritation. Skin contact may cause allergic reactions

in some individuals . Prolonged skin contact in unlikely to result in absorption of harmful amounts .

Eve contact: Severe eve irritation.

Inhalation: May be irritating to nose, throat, and respiratory tract. Exposure to dust from the tablets is however unlikely

Moderately toxic . Harmful if swallowed . Small amounts swallowed incidental to normal handling Ingestion:

operations are not likely to cause injury; however swallowing larger amounts may cause serious injury,

even death.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS#	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation	
2,2 dibromo 3-nitrilopropionamide	10222-01-2	40 - 50%	118 mg/kg (mammal unspecified)	Not available	Not available	

4. FIRST AID MEASURES

Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes.

Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call medical

attendant, medical doctor, or poison control center .

Immediately wash off with plenty of water. Take off contaminated clothing . If irritation persists, get medical Skin contact:

attention. Remove and wash contaminated clothing and footwear before re-use.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention.

Call medical attendant, doctor, or poison control center immediately. Have person sip a glass of water if Ingestion:

able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor . Get

medical attention.

Notes to physician: Treat symptomatically, If burn is present, treat as any thermal burn, after decontamination.

TREXCIDE 452 1 of 3 **Aggravated Medical Conditions:** Persons with pre-existing skin disorders may be more susceptable to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire .

Specific hazards: Thermal decomposition can lead to release of irritating gases and vapors.

Unusual hazards: None known

Specific methods: No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or

equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use personal protective equipment

Environmental precautions Prevent product from entering drains. Water runoff can cause environmental damage. Sweep up and and clean-up methods:

shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Avoid contact with dusts from head space of containers. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Prolonged or repeated skin contact may cause allergic reactions in some individuals . FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Keep this product dry in original tightly closed container when not in use. Keep out of the reach of children. Do not contaminate food or feed by storage or disposal. Keep away from heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels . Respiratory protection is not required if good ventilation is maintained .

Personal Protective Equipment

Eye protection: Chemical splash goggles.

Hand protection: Rubber gloves recommended for prolonged or repeated skin contact.

Skin and body protection: No special requirements under normal use conditions. If major exposure is possible, wear suitable

protective clothing and footwear.

Respiratory protection: No special requirements under normal use conditions. In case of insufficient ventilation wear suitable

respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI

Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Handle in accordance with good industrial hygiene and safety practice Hygiene measures:

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid Appearance: Solid Color: Off-white Boiling point/range: Not determined Odor: Slight Melting point/range: Not determined

Specific gravity: 1.3 - 1.4 g/cc No information available pH: Dilution pH: No information available No information available Density: **Bulk density:** No information available **Decomposition temperature:** Not determined

Vapor density: <1

Autoignition temperature: No information available Vapor pressure: 4 x 10 (-5) mm Hg @ 25 C **Evaporation rate:** No information available Solubility: Moderately soluble Solubility in other No information available

solvents:

Viscosity: No information available

Flash point: Not applicable

0

VOC:

Partition coefficient (n-octanol/water): No information available

10. STABILITY AND REACTIVITY

Stability: The product is stable

Polymerization: Hazardous polymerisation does not occur

Hazardous decomposition products: Bromine . Cyanogen bromide . bromoacetonitrile . Carbon dioxide (CO2) . Hydrogen bromide .

Materials to avoid: Strong bases.

Conditions to avoid: Extremes of temperature and direct sunlight..

TREXCIDE 452 2 of 3

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral, LD50 estimated to be between 200 - 2000 mg/kg.

Component Information: See Section 3

Chronic toxicity: None known

Specific effects

Carcinogenic effects: None known Mutagenic effects: None known Reproductive toxicity: None known Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes . Material is toxic to fish. Do not discharge into lakes, streams, ponds, or public water unless in accordance with an NPDES permit . Do not reuse empty containers.

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Japan (ENCS), Philippines (PICCS), China (IECSC).

U.S. Regulations

EPA Reg. No.: 464-624-70627

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient	CAS#	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
2,2 dibromo 3-nitrilopropionamide	10222-01-2	-	-	-	-	ī	-

CERCLA / SARA

CAA HAP/CAA ODS/CWA Priority Pollutants: None SARA 311/312 Hazard Categories

Immediate: Yes
Delayed: Yes

Canada

WHMIS hazard class: Not for sale in Canada .

16. OTHER INFORMATION

Reason for revision:
Prepared by:
Additional advice:
Not applicable
NAPRAC
None

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

TREXCIDE 452 3 of 3