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MATERIAL SAFETY DATA SHEET

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MSDS # 126018001

DRANO® CRYSTALS

Date Issued: 25Mar1996

Supersedes:

08Nov1995

US MANUFACTURER:

S.C. Johnson & Son, Inc.
Phone: (800) 725-6737
Racine, Wisconsin 53403-2236
Emergency Phone: (800) 799-6009
Transportation Emergency Phone:
(800) 228-5635 Ext 092

CANADIAN MANUFACTURER:

S.C. Johnson and Son, Limited
Phone: (800) 725-6737
1 Webster Street
Brantford, Ontario N3T 5R1
Transportation Emergency:
CANUTEC (collect) (613) 996-6666
Poison Control: (800) 799-6009

DISTRIBUTED IN CANADA BY:

S.C. Johnson and Son, Limited
Phone: (800) 725-6737
1 Webster Street
Brantford, Ontario N3T 5R1

HAZARD RATING	HMIS	HAZARD	NFPA
4-Very High	3	Health	3
3-High	0	Flammability	0
2-Moderate	1	Reactivity	1
1-Slight		Special	
0-Insignificant			

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME

DRANO® CRYSTALS

UPC CODE	QUANTITY US SIZE	CANADIAN SIZE
59200 00587	12	350 GM
59200 00588	12	500 GM

SECTION 2 - INGREDIENT INFORMATION

WEIGHT% INGREDIENT AND EXPOSURE LIMIT

1-5 Aluminum Flakes (CAS# 7429-90-5)
Exposure Limit: 10 mg/m³ TLV-TWA

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SECTION 2 - INGREDIENT INFORMATION (continued)

- 7-13 Sodium Chloride (CAS# 7647-14-5)
Exposure Limit: 10 mg/m³ ACGIH TWA (DUST) , 15 mg/m³ OSHA TWA
(TOTAL DUST) 5 mg/m³ OSHA TWA (RESPIRABLE DUST)
- 15-40 Sodium Nitrate (CAS# 7631-99-4)
Exposure Limit: NOT ESTABLISHED
- 30-60 Sodium Hydroxide (CAS# 1310-73-2)
Exposure Limit: 2 mg/m³ ACGIH/OSHA CEILING

SECTION 3 - HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY

Eye contact. Skin contact.

EFFECTS OF ACUTE EXPOSURE:

EYE

Corrosive: May cause: Permanent eye damage.

SKIN

Corrosive: May cause: Chemical burns.

INHALATION

None known.

INGESTION

May be fatal if swallowed. May cause: Severe damage to the digestive tract.

MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE

None known.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT

Rinse immediately with water. Remove contact lenses, then flush with water for 20 minutes. Seek immediate medical attention.

SKIN CONTACT

Immediately remove contaminated clothing, shoes & leather goods. Flush immediately with plenty of water for at least 15 to 20 minutes. Seek immediate medical attention.

INHALATION

No special requirements.

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SECTION 4 - FIRST AID MEASURES (continued)

INGESTION

Rinse mouth immediately. Immediately drink 1-2 glasses of water or milk. Do not induce vomiting! Seek immediate medical attention.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT

None.

FLAMMABLE LIMITS

Not applicable.

AUTOIGNITION TEMPERATURE

Not applicable.

EXTINGUISHING MEDIA

CO2. Dry chemical.

SPECIAL FIREFIGHTING PROCEDURES

Fire fighters should wear self-contained breathing apparatus and protective clothing. In case of fire, do not use water.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Corrosive Material (See Sections 8 and 10).

SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep or scrape up and containerize.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY INFORMATION

Poison. May be fatal if swallowed. Causes severe eye and skin damage. Contains: sodium hydroxide. Danger of irreversible eye damage. Avoid contact with skin, eyes and clothing. Read and follow all label directions. Keep out of reach of children.

OTHER HANDLING AND STORAGE CONDITIONS

Store in a cool, dry place with adequate ventilation.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

No special requirements under normal use conditions.

VENTILATION

No special requirements.

PROTECTIVE GLOVES

No special requirements under normal use conditions.

EYE PROTECTION

No special requirements under normal use conditions.

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SECTION 8 - SPECIAL PROTECTION INFORMATION (continued)

OTHER PROTECTIVE MEASURES

No special requirements.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR

White

PRODUCT STATE

Crystals.

ODOR

Characteristic

pH

> 12.5

SOLUBILITY IN WATER

Complete

SPECIFIC GRAVITY (H2O=1)

1.2

VAPOR DENSITY (AIR=1)

Not applicable.

EVAPORATION RATE (BUTYL ACETATE=1)

Not applicable.

VAPOR PRESSURE (mm HG)

Not applicable.

BOILING POINT

Not applicable.

FREEZING POINT

Not applicable.

PERCENT VOLATILE BY VOLUME (%)

Not applicable.

VOLATILE ORGANIC COMPOUND (VOC)

Not applicable.

THEORETICAL VOC (LB/GAL)

Not applicable.

SECTION 10 - STABILITY AND REACTIVITY

STABILITY

Stable

STABILITY - CONDITIONS TO AVOID

No special requirements.

INCOMPATIBILITY

Strong acids (eg., muriatic acid).

HAZARDOUS DECOMPOSITION PRODUCTS

Not available.

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SECTION 10 - STABILITY AND REACTIVITY (continued)

HAZARDOUS POLYMERIZATION

Will not occur.

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID

Not applicable.

SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3)

EFFECTS OF CHRONIC EXPOSURE

None known.

SECTION 12 - ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA

Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION

Waste from normal product use may be sewered to a public-owned treatment works (POTW) in compliance with applicable Federal/ Provincial/ State/ Local/ Municipal pretreatment requirements.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

SECTION 15 - REGULATORY INFORMATION

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

All ingredients in this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

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

SECTION 16 - OTHER INFORMATION

ADDITIONAL INFORMATION

Use as directed.

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SECTION 16 - OTHER INFORMATION (continued)

EPA REGISTRATION #

Not applicable.

PREPARATION INFORMATION -

PREPARED BY

Manufacturer's Technical Support Department. Refer to page 1
(Manufacturer) for contact information.

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