

MATERIAL SAFETY DATA SHEET

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MSDS # 126025010

DRANO MAX MAXIMUM STRENGTH CLOG REMOVER

Date Issued: 08Apr2005

Supersedes: 24Sep2004

US MANUFACTURER:

S.C. Johnson & Son, Inc.
Phone: (800) 725-6737
Racine, Wisconsin 53403-2236
Emergency Phone: (866) 231-5406
International Emergency Phone:
(952) 852-4647

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: (866) 231-5406

HAZARD RATING	HMIS	HAZARD	NFPA	DISTRIBUTED IN CANADA BY:
-----	-----	-----	-----	S.C. Johnson and Son, Limited
4-Very High	3	Health	3	Phone: (800) 725-6737
3-High	0	Flammability	0	1 Webster Street
2-Moderate	0	Reactivity	0	Brantford, Ontario N3T 5R1
1-Slight		Special		
0-Insignificant				

SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... DRANO MAX MAXIMUM STRENGTH CLOG REMOVER
REASON FOR CHANGE..... No significant changes.
PRODUCT USE..... Household: Cleaning product.

SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
-----	-----	-----
Myristamine oxide (CAS# 3332-27-2).....	0.5-2.0	NOT ESTABLISHED
Sodium hydroxide (CAS# 1310-73-2).....	1-5	2 mg/m ³ ACGIH/OSHA CEILING LD50: 140-340 mg/kg (oral-rat) LC50: >40 mg/m ³ (inhalation-rat) 1 hr.
Sodium hypochlorite (CAS# 7681-52-9).....	6-12	0.5 ppm ACGIH/OSHA TWA , 1 ppm ACGIH/OSHA STEL (CHLORINE)
Water (CAS# 7732-18-5).....	85-95	NOT ESTABLISHED

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

ROUTE(S) OF ENTRY..... Eye contact. Skin contact.
EFFECTS OF ACUTE EXPOSURE:
EYE..... Corrosive and may cause permanent damage including blindness.
SKIN..... Corrosive and may cause permanent damage.
INHALATION..... May cause irritation or corrosive effects to nose, throat and
respiratory tract.
INGESTION..... Corrosive and may cause permanent damage to mouth, throat and
stomach.
MEDICAL CONDITIONS..... Individuals with chronic respiratory disorders such as asthma,
GENERALLY RECOGNIZED chronic bronchitis, emphysema, etc., may be more susceptible to
AS BEING AGGRAVATED irritating effects.
BY EXPOSURE

SECTION 4 - FIRST AID MEASURES

EYE CONTACT..... Flush immediately with plenty of water for at least 15 to 20
minutes. Get medical attention immediately.

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SECTION 4 - FIRST AID MEASURES (continued)

SKIN CONTACT..... Flush immediately with plenty of water for at least 15 to 20 minutes. Get medical attention immediately.

INHALATION..... If breathing is affected, remove to fresh air. Get medical attention immediately.

INGESTION..... Do not induce vomiting! Immediately drink 1-2 glasses of water or milk. Do not administer anything by mouth to an unconscious person. Get medical attention immediately.

SECTION 5 - FIRE AND EXPLOSION INFORMATION

FLASH POINT..... Not applicable.

FLAMMABLE LIMITS..... Not applicable.

AUTOIGNITION..... Not applicable.

TEMPERATURE

EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.

SPECIAL FIREFIGHTING... Fire fighters should wear self-contained breathing apparatus and protective clothing.

PROCEDURES

UNUSUAL FIRE AND..... Corrosive Material (See Sections 8 and 10).

EXPLOSION HAZARDS

SECTION 6 - PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... Absorb with oil-dri or similar inert material. Sweep or scrape

CASE MATERIAL IS up and containerize. Rinse affected area thoroughly with water.

RELEASED OR SPILLED Wear/use appropriate protective equipment.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY..... DANGER: CORROSIVE: CAUSES EYE AND SKIN BURNS. Avoid contact with

INFORMATION skin, eyes and clothing. HARMFUL OR FATAL IF SWALLOWED. Do not taste or swallow. Avoid breathing vapor. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY.

OTHER HANDLING AND.... Wash thoroughly after handling. Thoroughly clean footwear and

STORAGE CONDITIONS clothing before reuse. Keep container closed. Use only with adequate ventilation. Keep from freezing. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to prevent overexposure.

VENTILATION..... General room ventilation is normally adequate. Substantial amounts of mists/vapors can be controlled with local exhaust ventilation or respiratory protection.

PROTECTIVE GLOVES..... Neoprene.

EYE PROTECTION..... Chemical splash-proof goggles.

OTHER PROTECTIVE..... Protective footwear.

MEASURES

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... Clear Straw-colored

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----- SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (continued) -----

PRODUCT STATE.....	Liquid.
ODOR.....	Bleach
pH.....	> 12.5
ODOR THRESHOLD.....	Not available.
SOLUBILITY IN WATER....	Complete
SPECIFIC GRAVITY.....	1.1
(H ₂ O=1)	
VAPOR DENSITY (AIR=1)..	> 1
EVAPORATION RATE (BUTYL	< 1
ACETATE=1)	
VAPOR PRESSURE (mm HG).	Not available.
BOILING POINT.....	212°F (100°C)
FREEZING POINT.....	32°F (0°C)
COEFFICIENT OF.....	Not available.
WATER/OIL	
PERCENT VOLATILE BY....	Not available.
VOLUME (%)	
VOLATILE ORGANIC.....	Not available.
COMPOUND (VOC)	
THEORETICAL VOC.....	Not available.
(LB/GAL)	

----- SECTION 10 - STABILITY AND REACTIVITY -----

STABILITY.....	Stable
STABILITY - CONDITIONS.	No special requirements.
TO AVOID	
INCOMPATIBILITY.....	Do not mix with any other chemicals or products unless specified by label. Mixing with other cleaning products may produce toxic gas.
HAZARDOUS DECOMPOSITION	When exposed to fire: Produces normal products of combustion.
PRODUCTS	
HAZARDOUS.....	Will not occur.
POLYMERIZATION	
HAZARDOUS.....	Not applicable.
POLYMERIZATION -	
CONDITIONS TO AVOID	

----- SECTION 11 - TOXICOLOGY INFORMATION (Also See Section 3) -----

LD50 (ACUTE ORAL TOX)..	Corrosive
LD50 (ACUTE DERMAL TOX)	Not available.
LC50 (ACUTE INHALATION.	Not available.
TOX)	
EFFECTS OF CHRONIC.....	Not available.
EXPOSURE	
SENSITIZATION.....	None known.
CARCINOGENICITY.....	None known.
REPRODUCTIVE TOXICITY..	None known.
TERATOGENICITY.....	None known.
MUTAGENICITY.....	None known.

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SECTION 12 - ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA..... Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... Disposal of undiluted product is regulated under environmental
INFORMATION and transportation laws as a corrosive waste. Observe all
Federal, Provincial, State and Municipal regulations.

SECTION 14 - TRANSPORTATION INFORMATION

US DOT INFORMATION..... Please refer to the Bill of Lading/receiving documents for
up-to-date shipping information.
CANADIAN SHIPPING NAME. DRANO MAX MAXIMUM STRENGTH CLOG REMOVER
TDG CLASSIFICATION..... 8
PIN/NIP..... UN 1760
PACKING GROUP..... III
EXEMPTION NAME..... Limited Quantity

SECTION 15 - REGULATORY INFORMATION

WHMIS CLASSIFICATION... D,2B; E

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.
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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