

# MATERIAL SAFETY DATA SHEET

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MSDS # 126025010

## DRANO® MAX MAXIMUM STRENGTH CLOG REMOVER

Date Issued: 20Mar2007

Supersedes: 08Feb2007

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

### SECTION 1 - PRODUCT IDENTIFICATION

PRODUCT NAME..... DRANO® MAX MAXIMUM STRENGTH CLOG REMOVER  
REASON FOR CHANGE..... Section 2. Section 3. Section 4. Section 5. Section 8. Section 9. Section 10. Section 11. Section 13. Section 14.  
PRODUCT USE..... Cleaning product

### SECTION 2 - INGREDIENT INFORMATION

INGREDIENT	WEIGHT%	EXPOSURE LIMIT/TOXICITY
Sodium Hydroxide (CAS# 1310-73-2).....	1-5	2 mg/m <sup>3</sup> ACGIH/OSHA CEILING
1-Tetradecylamine, N,N-Dimethyl-, N-oxide..... (CAS# 3332-27-2)	1-5	NOT ESTABLISHED
Sodium Hypochlorite (CAS# 7681-52-9).....	5-10	0.5 ppm ACGIH/OSHA TWA , 1 ppm ACGIH/OSHA STEL (CHLORINE)
Water (CAS# 7732-18-5).....	75-100	NOT ESTABLISHED

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

ROUTE(S) OF ENTRY..... Eye contact. Skin contact. Ingestion. Inhalation.  
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, chronic bronchitis, emphysema, etc., may be more susceptible to AS BEING AGGRAVATED BY EXPOSURE irritating effects.

### 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... None.
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... Dike large spills. Absorb with oil-dri or similar inert CASE MATERIAL IS material. Sweep or scrape up and containerize. Wear/use RELEASED OR SPILLED appropriate protective equipment.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONARY... DANGER: HARMFUL IF SWALLOWED. CAUSES EYE AND SKIN BURNS. Avoid INFORMATION contact with skin, eyes and clothing. Avoid breathing vapor. Do not taste or swallow. KEEP OUT OF REACH OF CHILDREN.
OTHER HANDLING AND... Wash thoroughly after handling. Observe good personal hygiene STORAGE CONDITIONS practices. Thoroughly clean footwear and clothing before reuse. Keep container well closed when not in use. Use only with adequate ventilation.

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... Wear/Use: Neoprene.
EYE PROTECTION... Chemical 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..... 11.5-13.5  
ODOR THRESHOLD..... Not available.  
SOLUBILITY IN WATER.... Complete  
SPECIFIC GRAVITY..... 1.1  
(H2O=1)  
VISCOSITY..... ~ 500 CPS  
VAPOR DENSITY (AIR=1).. Not available.  
EVAPORATION RATE (BUTYL ACETATE=1) Not available.  
VAPOR PRESSURE (mm HG). Not available.  
BOILING POINT..... 212°F (100°C)  
FREEZING POINT..... Not available.  
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..... Never use or mix with other cleaners or chemicals. Mixing with other cleaning products may produce toxic gas. Can react to give chlorine gas. If this occurs, leave area immediately. Do not return for half hour. Ventilate if possible.  
HAZARDOUS DECOMPOSITION PRODUCTS chlorine.  
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) Corrosive  
LC50 (ACUTE INHALATION. Not available.  
TOX)  
EFFECTS OF CHRONIC..... None known.  
EXPOSURE  
SENSITIZATION..... None known.  
CARCINOGENICITY..... None known.  
REPRODUCTIVE TOXICITY.. None known.  
TERATOGENICITY..... None known.

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

MUTAGENICITY..... None known.

----- 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..... Not available.  
PACKING GROUP..... Not available.  
EXEMPTION NAME..... Consumer commodity

----- SECTION 15 - REGULATORY INFORMATION -----

WHMIS CLASSIFICATION... 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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