

# Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200



## DRANO® ADVANCED SEPTIC TREATMENT

Version 2.2

Print Date 03/01/2012

Revision Date 02/20/2012

MSDS Number 350000018163  
SITE\_FORM Number  
3000000000000014118.002

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : DRANO® ADVANCED SEPTIC TREATMENT

Use of the Substance/Mixture : Speciality Cleaner  
Company : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236

Emergency telephone number : 24 Hour Medical Emergency Phone: (866)231-5406  
24 Hour International Emergency Phone: (703)527-3887  
24 Hour Transport Emergency Phone: (800)424-9300

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance / Odor : brown blue green / solid / characteristic

#### Immediate Concerns

: Caution  
CAUSES EYE IRRITATION.  
Avoid contact with skin, eyes and clothing.  
Harmful if swallowed.

#### Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : Causes:  
Moderate eye irritation

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

Inhalation : No adverse effects expected when used as directed.

Ingestion : Harmful if swallowed.

Aggravated Medical Condition : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by OSHA 29 CFR 1910.1200 or the Canadian Controlled Products Regulations are listed in this table:

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Chemical Name	CAS-No.	Weight percent
Sodium chloride	7647-14-5	30.00 - 60.00
Citric acid	77-92-9	10.00 - 30.00
Corn starch	9005-25-8	1.00 - 5.00
Polymer	Mixture	1.00 - 5.00
Bacterial cultures	Mixture	0.10 - 1.00

For additional information on product ingredients, see [www.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

#### 4. FIRST AID MEASURES

- Eye contact : Remove contact lenses. Flush immediately with plenty of water for at least 15 to 20 minutes. Get medical attention if irritation develops and persists.
- Skin contact : Rinse with plenty of water.
- Inhalation : Remove to fresh air.
- Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

#### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Further information : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.
- Flash point : Note: not applicable
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available

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### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : No special precautions required.
- Environmental precautions : Outside of normal use, avoid release to the environment.
- Methods for cleaning up : Sweep up and shovel into suitable containers for disposal.  
Clean residue from spill site.

### 7. HANDLING AND STORAGE

#### Handling

- Advice on safe handling : Avoid contact with skin, eyes and clothing.  
For personal protection see section 8.  
Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.  
Smoking, eating and drinking should be prohibited in the application area.

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.

#### Storage

- Requirements for storage areas and containers : Keep in a dry, cool and well-ventilated place.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

Components	CAS-No.	mg/m <sup>3</sup>	ppm	Non-standard units	Basis
Corn starch	9005-25-8	5 mg/m <sup>3</sup>	-	-	OSHA TWA
Corn starch	9005-25-8	15 mg/m <sup>3</sup>	-	-	OSHA TWA
Corn starch	9005-25-8	10 mg/m <sup>3</sup>	-	-	ACGIH TWA

#### Personal protective equipment

- Respiratory protection** : No personal respiratory protective equipment normally required.

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- Hand protection** : No special requirements.
- Eye protection** : Safety glasses with side-shields
- Skin and body protection** : No special requirements.
- Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Smoking, eating and drinking should be prohibited in the application area.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : solid
- Color : brown blue green
- Odor : characteristic
- pH : no data available
- Boiling point : not applicable
- Freezing point : no data available
- Flash point : not applicable
- Evaporation rate : not applicable
- Lower explosion limit : no data available
- Upper explosion limit : no data available
- Vapour pressure : no data available
- Density : no data available
- Water solubility : no data available
- Viscosity, dynamic : not applicable
- Volatile Organic Compounds : 0 % - additional exemptions may apply  
Total VOC (wt. %)\* : \*as defined by US Federal and State Consumer Product Regulations

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### 10. STABILITY AND REACTIVITY

- Conditions to avoid : Direct sources of heat.
- Materials to avoid : Strong acids and oxidizing agents
- Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.
- Hazardous reactions : Stable under recommended storage conditions.

### 11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50 Oral  
Calculated  
> 3,000 mg/kg
- Acute inhalation toxicity : no data available
- Acute dermal toxicity : no data available
- Chronic effects**
- Carcinogenicity : None Anticipated
- Mutagenicity : None Anticipated
- Reproductive effects : None Anticipated
- Teratogenicity : None Anticipated
- Sensitisation : Not known to be a sensitizer.

### 12. ECOLOGICAL INFORMATION

- Ecotoxicity effects : no data available

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### 13. DISPOSAL CONSIDERATIONS

Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.  
Consumer may discard empty container in trash, or recycle where facilities exist.

### 14. TRANSPORT INFORMATION

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

#### Land transport

##### ▪ U.S. DOT and Canadian TDG Surface Transportation:

Proper shipping name not regulated  
Class: None.  
UN/ID No.: None.  
Packaging group None.

#### Sea transport

##### ▪ IMDG:

Proper shipping name not regulated  
Class: None.  
UN/ID No.: None.  
Packaging group None.

#### Air transport

##### ▪ ICAO/IATA:

Proper shipping name not regulated  
Class: None.  
UN/ID No.: None.  
Packaging group None.

### 15. REGULATORY INFORMATION

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

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

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

Canada Regulations : This product has been classified in accordance with hazard

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criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

### 16. OTHER INFORMATION

#### HMIS Ratings

Health	2
Flammability	0
Reactivity	0

#### NFPA Ratings

Health	2
Fire	0
Reactivity	0
Special	-

#### Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the 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.

Prepared by:	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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