

Revision Date 01-May-2006

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Product code** DL3870  
**Product name** Nix Fresh  
**Recommended Use** Deodorizer  
**Supplier** Drummond American Corporation  
 600 Corporate Woods Parkway  
 Vernon Hills, IL 60061  
 (847) 913-9313  
**Emergency telephone number** (888) 426-4851

**2. HAZARDS IDENTIFICATION**

**Color** Off-white Opaque      **Odor** Herbal      **Form** Liquid

**Aggravated Medical Conditions** Pre-existing respiratory conditions may be aggravated by exposure to this product.

**Principal Routes of Exposure** Eyes. Skin absorption. Ingestion.

**Potential health effects**

**Eyes** Contact with eyes may cause irritation.  
**Skin** Repeated or prolonged exposure may cause: Mild irritation.  
**Inhalation** May cause irritation to the lungs. May cause irritation to the mucous membranes.  
**Ingestion** Swallowing substance may cause the following effects: Abdominal pain. Nausea. Vomiting.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %
Dodecylbenzene Sulfonic Acid	68584-22-5	0
Viable Bacterial Cultures	N/A	0
Water	7732-18-5	0

**4. FIRST AID MEASURES**

**Eye contact** Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.  
**Skin contact** Wash off immediately with soap and plenty of water. Seek medical attention if irritation persists.

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**Ingestion** Do not induce vomiting without medical advice.

**Inhalation** If fumes from reactions are inhaled, move to fresh air immediately. Contact physician if breathing difficulty develops.

**5. FIRE FIGHTING MEASURES**

**Flash point °C** Not Applicable  
**Flash point °F** Not Applicable  
**Method** Not Applicable

**Autoignition temperature °C** Not Applicable  
**Autoignition temperature °F** Not Applicable

**Flammability Limits (% in Air)**  
**Upper** Not Applicable  
**Lower** Not Applicable

**Suitable extinguishing media**  
 Water spray. Carbon dioxide. Dry powder.

**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

**Sensitivity to shock**  
 No information available.

**Sensitivity to static discharge**  
 No information available.

**6. ACCIDENTAL RELEASE MEASURES**

**Methods for cleaning up**  
 Reclaim into containers for reuse, recycle, or proper disposal.

**7. HANDLING AND STORAGE**

**Handling**  
 Wash hands with soap and water before eating, drinking, smoking, or using toilet facilities. Handle in accordance with good industrial hygiene and safety practice. Do not expose to direct sunlight. Keep container closed when not in use. Protect contents from moisture.

**Storage**  
 Keep out of the reach of children. Do not store around food or beverages. Prevent moist air from entering storage tanks or containers. Keep away from direct sunlight. Keep container tightly closed.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure limits**

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Water	-	-	-	-
Viable Bacterial Cultures	-	-	-	-

**Ventilation and Environmental Controls**

Provide local exhaust ventilation. Mechanical: as necessary.

**Hygiene measures**

General industrial hygiene practice.

**Personal protective equipment****Respiratory protection**

None necessary under normal conditions.

**Hand Protection**

For prolonged or repeated skin contact, use a chemically resistant glove such as nitrile or neoprene. Wash hands with soap and water after removing gloves. Dry hands thoroughly before re-applying gloves.

**Eye protection**

Use safety eyewear designed to protect against splash of liquids.

**Skin and body protection**

None necessary under normal conditions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid	Color	Off-white Opaque
Odor	Herbal	Odor Threshold	Not Applicable
pH	8.8	Specific Gravity	1
Vapor pressure	Not Applicable	Vapor density	Not Applicable
Evaporation Rate	Not Applicable	Water solubility	Soluble in water
Partition Coefficient (n-octanol/water)	Not Applicable		
Boiling point/range °C	100	Boiling point/range °F	212
Melting point/range °C	Not Applicable	Melting point/range °F	Not Applicable
Flash point °C	Not Applicable	Flash point °F	Not Applicable

## 10. STABILITY AND REACTIVITY

**Stability**

Stable.

**Conditions to avoid**

Strong acids will inactivate biological cultures.

**Incompatibility**

Incompatible with strong acids and bases.

**Hazardous Decomposition Products**

None known.

**Polymerization**

Hazardous polymerization does not occur.

**11. TOXICOLOGICAL INFORMATION**

**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Water	-	-	-
7732-18-5	-	-	-
Viable Bacterial Cultures	-	-	-
N/A			

**Synergistic Products**

None known

**Potential health effects**

**Sensitization**  
None known

**Chronic toxicity**  
None known

**Mutagenic effects**  
None known

**Teratogenic effects**  
None known

**Reproductive toxicity**  
None known

**Target Organ Effects**  
None Known

**Carcinogenic effects**  
See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Water	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Viable Bacterial Cultures	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

**12. ECOLOGICAL INFORMATION**

No Information Available

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products**

Discard in accordance with federal, state, and local regulations.

**14. TRANSPORT INFORMATION**

**DOT**

Not Regulated

**TDG**

Not regulated

**IMDG/IMO**

Not Regulated

**IATA**

Not Regulated

**MEX**

Not Regulated

**15. REGULATORY INFORMATION**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Water	Not Listed	Not Listed	Not Listed
Viable Bacterial Cultures	Not Listed	Not Listed	Not Listed

Chemical Name	EINECS	DSL	NDSL	TSCA
Water	X	X	-	X
Viable Bacterial Cultures	-	-	-	-

**CPRC**

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

**16. OTHER INFORMATION**

NFPA		HMIS	
Health	-	Health	1
Flammability	-	Flammability	0
Reactivity	-	Physical Hazard	0

Prepared By Michael Katz, Regulatory Affairs Specialist

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.