

## Cleaner for static control mat

Cleaner for conductive or dissipative table mat, in 1 liter bottle or 20 liter refill container

Specification N°: MSDS 32-600-0001/0020 VE 12/04  
Written on: 01/12/2004  
Updated: 01/06/2012

### PRODUCT IDENTIFICATION

Product name: Cleaner for static control mat  
Use of the product: Clean conductive or dissipative surfaces  
Item part number: 32-600-0001 for 1 liter bottle  
32-600-0020 for 20 litre refill container  
Company: NOTRAX EUROPE  
Achterzeedijk 57  
2992SB BARENDRECHT  
For chemical emergency: ORFILA  
Telephone number: 01 45 42 59 59

### INFORMATION ON INGREDIENTS

Chemical	CAS number	Percentage
Deionized water	7732-18-5	93 - 98%
Isopropanol	67-63-0	< 1%
Tetrasodium ethylenediaminetetraacetate	13235-36-4	< 1%
Sodium hydroxide	1310-73-2	< 1%
Ethylbis (hydroxyethyl)tallow alkyl, ethoxylated, Et sulfates	68071-95-4	< 1%
Benzenesulfonic acid, C-10-16 alkyl derives, calcium salts	68584-23-6	< 1%
Ethanol, 2, 2'-iminobis-	111-42-2	< 1%
Alcohols, C10-14, ethoxylated	66455-15-0	< 1%

### HAZARD IDENTIFICATION

Irritating for eyes and skin  
Xi - Irritant  
R36/38 - Irritating to eyes and skin

## **FIRST AID MEASURES**

Inhalation:	Remove to fresh air. If breathing is difficult, get medical attention
Skin contact:	Wash with soap and water. Get medical attention if irritation persists.
Eye contact:	Immediately flush eyes with plenty of water. Get medical attention, if irritation persists
Ingestion:	If swallowed, do not induce vomiting Seek medical attention

## **FIRE FIGHTING MEASURES**

Specific Danger:	This material is not flammable.
Flash point and method:	None, ASTM D-56 (Tag CC)
Flammable limits:	LEL: N/A UEL: N/A Auto ignition temperature: N/A
Extinguishing media:	Water, foam, dry chemical and carbon dioxide
Firefighting equipment:	As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.
Hazardous combustion products:	Smoke, fumes and oxides of carbon
Hazardous decomposition products:	None expected

## **ACCIDENTAL RELEASE MEASURES**

### *Land spill:*

Absorb the liquid and scrub the area with detergent and water.

### *Water spill:*

Avoid runoff into storm sewers and ditches which lead to waterways.

## **HANDLING AND STORAGE**

Handling:	Wash thoroughly after handling. Use only in a well-ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Store in a cool dry place.
Storage temperatures:	Store in a cool place in original container and protect from sunlight.
Storage pressure:	Store at local atmospheric pressure.
General:	Observe good housekeeping practices. Follow all MSD sheet and label warnings even after container is emptied.

## **EXPOSURE CONTROL / PERSONAL PROTECTION**

Respirator:	NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Hand protection:	Gloves recommended: Solvex, Neoprene, Viton, Butyle, Buna, natural latex are acceptable.
Eye protection:	For normal conditions, wear safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles
Other recommendations:	Emergency shower and eyewash facility should be in close proximity.
Ventilation:	No particular ventilation requirements

## **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance, colour, odour:	Liquid, slightly blue with pleasant soapy odour
pH:	8 - 11
Boiling point (°C) :	App. 100

Flashing point:	Not applicable
Auto-ignition temperature:	Not applicable
Vapor Pressure (hPa):	<16 à 55°C
Solubility in water:	100
Density in water (water = 1):	App. 1
Vapor Density (air = 1):	Not applicable
% volatiles:	App. 6%
Evaporation rate:	App. 1
Viscosity (mPa.S):	< 100

### **STABILITY AND REACTIVITY**

Stability:	Stable. Polymerization will not occur.
Incompatible material:	May decompose if heated
Hazardous decomposition:	Forced combustion yields carbon and silicone oxides

### **TOXICOLOGY INFORMATION**

Results of component toxicity test performed:	EYE EFFECT: Mixture is a moderate eye irritant SKIN EFFECT: Causes irritation to skin
Human Experience:	OSHA / NTP / DHHS - this product contains residuals of ethylene oxide which is a known carcinogen listed on the 11th report of carcinogens (RoC) and NIOSH carcinogen list. Ethylene oxide is NTP and IARC listed as carcinogen.

### **ECOLOGICAL INFORMATION**

Isopropyl alcohol has a high biochemical oxygen demand and a potential to cause oxygen depletion in aqueous systems, a low potential to affect aquatic organisms, a low potential to affect secondary waste treatment microbial metabolism, a low potential to affect the germination of some plants, a high potential to biodegrade (low persistence) with unacclimated microorganisms from activated sludge.

## **DISPOSAL CONSIDERATION**

Disposable method: Dispose of in accordance with local authority requirements

## **TRANSPORT INFORMATION**

UNO Number:	Not classified	
Rail transport notes:	Not classified	
Sea transport notes:	Not classified	
Air transport notes:	Not classified	
U.S DOT Information:	Proper shipping name	Non-hazardous Material
	Hazard class: N/A	
IATA:	Proper shipping name	Non-hazardous Material
	Hazard class: N/A	

## **REGULATORY INFORMATION**

### United states federal regulations

This MSDS complies with OSHA Communication Rule, 29 CFR 1910.1200

CERCLA / Superfund, 40 CFR 117.302: Residual ethylene oxide, RQ=10  
Glycol ethers, RQ=1

SARA superfund and reauthorization Act of 1986 Title III sections 302,311,312 and 313:

\* Section 302 - Extremely hazardous substances (40 CFR 355): None of the chemicals are section 302 hazards

\* Section 311/312 - MSDS requirements (40 CFR 370): By our hazard evaluation, this product is non-hazardous

\* Section 313 - List of toxic chemicals (40 CFC 372): This product does not contain the chemicals (at level of 1% or greater) found on the 313 list of toxic chemicals.

Toxic substances control act (TSCA): All substances are TSCA listed

Resource conservation and recovery act (RCRA 40 CFR 261) Subpart Cand D

Federal Water pollution Control Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116:  
This product does not contain the chemicals which are listed.

State regulation: California proposition 65: this product contains a residual component (ethylene oxid, CAS n° 75-21-8) known in the state of California to cause cancer

International regulations

Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR

Europe EINECS Numbers

Deionized water:	231-791-2
Isopropyl alcohol:	200-661-7
Sodium Hydroxide:	215-185-5
Benzenesulfonic acid, C10-16-alkyl derives, calcium salts:	271-529-44
Ethanol, 2, 2'-iminobis-:	203-868-0

UK regulatory references: Chemicals (Hazard information & packaging) regulations 1993

EU Directives Dangerous substance directive 67/548  
 Dangerous preparations directive 88/379  
 System of specific information relating to dangerous preparations 91/155

Statutory instruments: Chemicals (Hazard Information and Packaging) Regulations  
 Control of Substances Hazardous to Health

Approved code of practice: Classification and Labelling of Substances and Preparations Dangerous for Supply

Guidance notes: Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

To the best of our ability, this MSDS is written in accordance to REACH Directive EC1907/2006 Annex II requirements. This product is not subject to REACH restrictions. It does not contain any candidates on the SvHC.

**OTHER INFORMATION**

Hazard Designation:	Xi Irritant
Contains:	Potassium hydroxide
Product label Risk Phrase:	R36/38 - Irritating to eyes and skin
Precautionary:	Use only in well-ventilated areas. Avoid contact with skin and eyes. Gloves and Eye protection Recommended. Eye contact: immediately wash with soap and water.
NFPA Hazard rating:	(1) Fire      (1) Health      (0) Reactivity

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