

**SAFETY DATA SHEET**

Issue No: 3

Date: 16/06/04

ALTROCLEAN 44 PLUS FLOOR CLEANER

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: ALTROCLEAN 44 PLUS FLOOR CLEANER

PRODUCT TYPE/USE: BIODEGRADABLE WATER BASED DETERGENT

EMERGENCY TEL NOS: 01462 480480
01462 489269

SUPPLIER: ALTRO FLOORS
WORKS ROAD
LETCHWORTH GARDEN CITY
HERTS
SG6 1NW

TELEPHONE: 01462 480480

FAX: 01462 480010

CONTACT PERSON: BARRY HALL

MANUFACTURER: Please contact Altro for details.

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS NO:	CONTENT	HEALTH	RISK PHRASES
NITRILOTRIACETIC ACID TRISODIUM SALT	139-89-9	1-5%	Xi	36
SODIUM METASILICATE	6834-92-0	1-5%	C	34
GLYCEROL	56-81-5	1-5%		
ALCOHOL ETHOXYLATE	68439-45-2	5-20%	Xn	22, 36/38

3. HAZARDS IDENTIFICATION

INHALATION: Inhalation of spray mist should be avoided.

SKIN CONTACT: May cause irritation to sensitive skin.

EYE CONTACT: Likely to cause stinging and irritation.

INGESTION: May cause irritation to the gastrointestinal tract.



4. FIRST AID MEASURES

INHALATION:	Move the effected person to fresh air at once. Keep the affected person warm and at rest. If adverse symptoms are experienced following exposure to mist or spray, get medical attention.
SKIN CONTACT:	Remove affected person from source of contamination. Wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Seek medical attention if irritation persists.
EYE CONTACT:	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 10minutes and get medical attention if irritation persists.
INGESTION:	Do not induce vomiting. Immediately rinse mouth and provide fresh air. NEVER MAKE AN UNCONCIOUS PERSON VOMIT OR DRINK FLUIDS! Give water to drink and seek medical attention.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Water spray, fog or mist. Foam. Carbon dioxide (CO ₂). Dry chemicals, sand, dolomite etc.
SPECIAL FIRE FIGHTING PROCEDURES:	This product is non-flammable.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Not applicable.
HAZARDOUS COMBUSTION PRODUCTS:	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF PRODUCT IS RELEASED OR SPILT:

Large spillages - mop up and dispose of safely. Any small spillages or residues may washed away with water.

7. HANDLING AND STORAGE

USEAGE PRECAUTIONS:	Caution: Alkaline product. Avoid skin and eye contact.
STORAGE PRECAUTIONS:	Keep in cool, dry storage and closed containers. Do not store above 35°C.
STORAGE CRITERIA:	Misc. non-hazardous material storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS NO:	STD	LTEL		STEL	
			ppm	mg/m ³	ppm	mg/m ³
NITRILOTRIACETIC ACID TRISODIUM SALT	139-89-9					
SODIUM METASILICATE	6834-92-0					
GLYCEROL	56-81-5			10 (AOM)		
ALCOHOL ETHOXYLATE	68439-45-2					

AOM = as oil mist

**PROTECTIVE EQUIPMENT:-**

VENTILATION: Normal conditions should be adequate.
RESPIRATORS: Face mask recommended if spray contact likely.
PROTECTION: Use PVC gloves.
GLOVES:
EYE PROTECTION: Splash proof goggles recommended.

OTHER PROTECTION: Provide eyewash. Wear appropriate clothing to prevent possibility of skin contact.

HYGENIC WORK PRACTICES: Wash at the end of each work shift and before eating, smoking and using the toilet. Wash if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated. Isolate contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear slightly viscous liquid.
COLOUR: Light Green.
ODOUR/TASTE: Mild lemon.
SOLUBILITY DESCRIPTION: Soluble in water.
pH Neat = about 13
Diluted 1% with water = about 10.2
Diluted 2% with water = about 10.9
DENSITY/SPECIFIC GRAVITY (g/ml): 1.066
Temperature(°C): 20
OTHER PHYSICAL DATA: % Volatile by weight = 81-83

10. STABILITY AND REACTIVITY

STABILITY: Stable.
MATERIALS TO AVOID: Acids.
HAZARDOUS DECOMPOSITION PRODUCTS: None.

11. TOXICOLOGICAL INFORMATION

OTHER HEALTH EFFECTS: Nitrioltriacetic acid trisodium salt LD50 = 1100 mg/kg (oral/rat) and Sodium metasilicate LD50 = 1153 mg/kg (oral/rat)
HEALTH WARNINGS: Spray mist may be harmful on prolonged exposure. Swallowing concentrated cleaner may cause severe internal irritation.
ROUTE OF ENTRY: Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.
TARGET ORGANS: Eyes. Respiratory system, lungs. Skin.
MEDICAL SYMPTOMS: Skin and eye irritation.

12. ECOLOGICAL INFORMATION

BIO ACCUMULATION: Very low potential for bioaccumulation.
DEGRADABILITY: Biodegradable.
ACUTE FISH TOXICITY: Not applicable.



13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Product should be regarded as non-hazardous and should be disposed of in line with local regulations.

14. TRANSPORT INFORMATION

LABEL FOR CONVEYANCE: Classified as Non-hazardous for Transport.

ROAD TRANSPORT:

UN No. ROAD: Not applicable.
ADR CLASS No.: Not applicable.
ADR CLASS: Not applicable.
ADR ITEM No.: Not applicable.
HAZARD No. (ADR) Not applicable.
ADR LABEL No.: Not applicable.
PROPER SHIPPING NAME: Not applicable.

RAIL TRANSPORT:

RID CLASS No.: Not applicable.
RID ITEM No.: Not applicable.

SEA TRANSPORT:

IMDG CLASS: Not applicable.
IMDG PACK GROUP: Not applicable.
MARINE POLLUTANT: No

AIR TRANSPORT:

ICAO CLASS: Not applicable.
AIR PACK GROUP: Not applicable.

15. REGULATORY INFORMATION

LABEL FOR SUPPLY: Classified as Non-hazardous for Supply.
RISK PHRASES: Not applicable
SAFETY PHRASES: S-2 Keep out of reach of children.
S-24/25 Avoid contact with skin and eyes.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-28 After contact with skin, wash immediately with plenty of water and soap if necessary.

UK REGULATORY REFERENCES: Chemicals (Hazard Information & Packaging) Regulations 1993.

EU DIRECTIVES: Dangerous Preparations Directive 88\379.
GUIDANCE NOTES: Occupational Exposure limits EH40.



16. OTHER INFORMATION

INFORMATION SOURCES:

Material safety Data Sheet, Misc. manufactures.
Croner's: Dangerous Substances. Croner's:
Substances Hazardous to Health. Croner's:
Emergency first aid Guide.

REVISION DATE:

16/06/04

SDS INITIALLY GENERATED:

24/4/96