

## SAFETY DATA SHEET

## FLOOR KLEEN

## 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME FLOOR KLEEN  
 PRODUCT NO. AJFKB  
 SUPPLIER Astral Chemical Solutions Ltd.  
 P.O. Box 250  
 Whitefield  
 Manchester M45 8XQ  
 0161 767 8219



EMERGENCY TELEPHONES (+0044) (0) 161 620 5400

NOTE: TO BE USED FOR CHEMICAL EMERGENCIES ONLY!!!

## 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
NITRILOTRIACETIC ACID TRISODIUM SALT		5064-31-3	1-5%	Xn;R22. Xi;R36.
QUATERNARY COCO ALKYLAMINE ETHOXYLATE		68989-03-7	< 1%	Xi;R41. N;R51/53.
SODIUM HYDROXIDE	215-185-5	1310-73-2	1-5%	C;R35

The Full Text for all R-Phrases are Displayed in Section 16

## 3 HAZARDS IDENTIFICATION

Causes burns.

CLASSIFICATION C;R34.

## 4 FIRST-AID MEASURES

## INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

## INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

## SKIN CONTACT

Remove affected person from source of contamination. Rinse the skin immediately with lots of water. Continue to rinse for at least 15 minutes and seek medical attention.

## EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

## 5 FIRE-FIGHTING MEASURES

## EXTINGUISHING MEDIA

The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

## 6 ACCIDENTAL RELEASE MEASURES

## SPILL CLEAN UP METHODS

Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers. Flush area with plenty of water. Do not let washing down water contaminate ponds or waterways.

## 7 HANDLING AND STORAGE

## USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

## STORAGE PRECAUTIONS

Store away from Acids. Keep in original container.

## STORAGE CLASS

Corrosive storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**FLOOR KLEEN**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
SODIUM HYDROXIDE	WEL				2 mg/m3

**INGREDIENT COMMENTS**

OES = Occupational Exposure Standard.

**PROTECTIVE EQUIPMENT**



**HAND PROTECTION**

Use full-length gloves.

**EYE PROTECTION**

Wear full-face visor or shield.

**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of skin contact.

**HYGIENE MEASURES**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid		
COLOUR	Straw		
SOLUBILITY	Miscible with water.		
RELATIVE DENSITY	>1.0 @20	pH-VALUE, CONC. SOLUTION	>12.0
FLASH POINT (°C)	na N/A.		

**10 STABILITY AND REACTIVITY**

**STABILITY**

Stable under normal temperature conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

**11 TOXICOLOGICAL INFORMATION**

**INHALATION**

Irritating to respiratory system. Vapour may irritate respiratory system or lungs. Prolonged inhalation of high concentrations may damage respiratory system. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

**INGESTION**

Causes burns. May cause burns in mucous membranes, throat, oesophagus and stomach. May cause severe internal injury. Severe abdominal pain.

**SKIN CONTACT**

Causes burns. May cause serious chemical burns of the skin. Contact with concentrated chemical may cause severe skin damage.

**EYE CONTACT**

No specific health warnings noted. Causes burns. May cause chemical eye burns. Risk of serious damage to eyes. Irritation, burning, lachrymation, blurred vision after liquid splash. Risk of corneal damage.

**ROUTE OF ENTRY**

Inhalation. Ingestion. Skin and/or eye contact.

**TARGET ORGANS**

Eyes. Skin. Respiratory system, lungs.

**12 ECOLOGICAL INFORMATION**

**ECOTOXICITY**

Dangerous for the environment if discharged into watercourses.

**13 DISPOSAL CONSIDERATIONS**

**FLOOR KLEEN**

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**



UK ROAD CLASS	8		
PROPER SHIPPING NAME	CORROSIVE LIQUID, N.O.S.		
UN NO. ROAD	1760	UK ROAD PACK GR.	II
ADR CLASS NO.	8	ADR CLASS	Class 8: Corrosive substances.
ADR PACK GROUP	II	HAZARD NO. (ADR)	80 Corrosive or slightly corrosive substance.
	80	ADR LABEL NO.	8
HAZCHEM CODE	2X	CEFIC TEC(R) NO.	80GC9-II+III
RID CLASS NO.	8	RID PACK GROUP	II
UN NO. SEA	1760	IMDG CLASS	8
IMDG PACK GR.	II	EMS	F-A, S-B
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1760	AIR CLASS	8
AIR PACK GR.	II		

**15 REGULATORY INFORMATION**

LABELLING



Corrosive

CONTAINS SODIUM HYDROXIDE

RISK PHRASES

R34 Causes burns.

SAFETY PHRASES

- S2 Keep out of the reach of children
- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

DETERGENT LABELLING

< 5% NTA (nitrilotriacetic acid) and salts thereof  
 Non-ionic surfactants  
 Cationic surfactants  
 Amphoteric surfactants

UK REGULATORY REFERENCES

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

The Control of Substances Hazardous to Health Regulations 2002.

STATUTORY INSTRUMENTS

The Control of Substances Hazardous to Health Regulations 2002.

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

**FLOOR KLEEN**

GUIDANCE NOTES

CHIP for everyone HSG(108).

Workplace Exposure Limits EH40.

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16 OTHER INFORMATION

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REVISION DATE 25/08/2006

REV. NO./REPL. SDS GENERATED 7

RISK PHRASES IN FULL

R22	Harmful if swallowed.
R35	Causes severe burns.
R36	Irritating to eyes.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.