

## SAFETY DATA SHEET

## V-KLEEN 9

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

PRODUCT NAME V-KLEEN 9  
 PRODUCT NO. AJVK9  
 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
ALCOHOL ETHOXYLATE		68439-45-2	1-5%	Xn;R22. Xi;R41.
NITRILOTRIACETIC ACID TRISODIUM SALT		5064-31-3	5-10%	Xn;R22. Xi;R36.
QUATERNARY COCO ALKYLAMINE ETHOXYLATE		68989-03-7	1-5%	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

Irritating to skin. Risk of serious damage to eyes.

CLASSIFICATION Xi;R38, R41.

## 4 FIRST-AID MEASURES

## INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

## INGESTION

Remove victim immediately from source of exposure. Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

## SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

## 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. Get medical attention if any discomfort continues.

## 5 FIRE-FIGHTING MEASURES

## EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

## 6 ACCIDENTAL RELEASE MEASURES

## SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer. Flush with plenty of water to clean spillage area.

## 7 HANDLING AND STORAGE

## USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

## STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

No particular ventilation requirements.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. Use chemical cartridge protection with appropriate cartridge.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Use approved safety goggles or face 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		
ODOUR	Characteristic		
SOLUBILITY	Soluble in water		
RELATIVE DENSITY	>1.0 @20	pH-VALUE, CONC. SOLUTION	13-14
FLASH POINT (°C)	na N/A.		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid contact with acids.

HAZARDOUS DECOMPOSITION PRODUCTS

No specific hazardous decomposition products noted.

11 TOXICOLOGICAL INFORMATION

INHALATION

May cause irritation to the respiratory system.

INGESTION

May cause burns in mucous membranes, throat, oesophagus and stomach. May cause stomach pain or vomiting.

SKIN CONTACT

Irritating to skin. Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause allergic contact eczema. May cause sensitisation by skin contact.

EYE CONTACT

May cause severe irritation to eyes. Risk of serious damage to eyes. Surfactant or detergent eye injury due to liquid splashes or dust.

ROUTE OF ENTRY

Ingestion. Skin and/or eye contact.

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12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

GENERAL	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).		
	No transport warning sign required.		
ADR CLASS	Not classified for transportation.	MARINE POLLUTANT	No.

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R38	Irritating to skin.
R41	Risk of serious damage to eyes.

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.
S37/39	Wear suitable gloves and eye/face protection.
S46	If swallowed, seek medical advice immediately and show this container or label.

DETERGENT LABELLING

5-15%	NTA (nitrilotriacetic acid) and salts thereof
< 5%	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.

ENVIRONMENTAL LISTING

Rivers (Prevention of Pollution) Act 1961.

Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EEC.

Dangerous Preparations Directive 1999/45/EEC.

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

Workplace Exposure Limits EH40.

**V-KLEEN 9**

Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG(108).

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16 OTHER INFORMATION

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REVISION DATE 04/09/2006

REV. NO./REPL. SDS GENERATED 3

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.