

SAFETY DATA SHEET

ALKALIENE® GOLD CLEANER

Compiled in Accordance with EU and GB REACH and CLP Regulations.

1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name ALKALIENE® GOLD CLEANER

1.2. Relevant identified uses of the substance or mixture and uses advised against Identified uses
Detergent. Cleaning agent.

1.3. Details of the supplier of the safety data sheet Supplier
HYSOLV LTD

Wells, Somerset

Tel: +44 (0) 1749599781

Email: info@hysolv.com

Manufacturer ??????????????

1.4. Emergency telephone number

Emergency telephone +44 (0) 1865 407333

National emergency telephone number

In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24

2 HAZARDS IDENTIFICATION

Risk of serious damage to eyes. Limited evidence of a carcinogenic effect. CLASSIFICATION (1999/45) Carc. Cat. 3;R40. Xi;R41.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
TRISODIUM NITRILOTRIACETATE	225-768-6	5064-31-3	5-10%	Carc. Cat. 3;R40 Xn;R22 Xi;R36
ALKYL BENZENESULFONIC ACID, SODIUM SALTS		85117-50-6	5-10%	Xn;R22. Xi;R38,R41.
SODIUM LAURETH SULPHATE	500-234-8	68891-38-3	5-10%	Xi;R38,R41.
C9-11 ALCOHOL ETHOXYLATE		68439-46-3	1-5%	Xn;R22. Xi;R41.
Alcohols C12-14, Ethoxylated		68439-50-9	< 1%	Xi;R41. N;R50.
SODIUM HYDROXIDE	215-185-5	1310-73-2	< 1%	C;R35
FORMALDEHYDE ...%	200-001-8	50-00-0	< 1%	Carc. Cat. 3;R40 T;R23/24/25 C;R34 R43

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

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues. **INGESTION**

Rinse mouth thoroughly. Get medical attention if any discomfort continues. **DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!**

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues. **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 promptly if symptoms occur after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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

SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given. **UNUSUAL FIRE & EXPLOSION HAZARDS**

No unusual fire or explosion hazards noted. **SPECIFIC HAZARDS**

Not relevant

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. **ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains, water courses or onto the ground. **SPILL CLEAN UP METHODS**
Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Collect in containers and seal securely. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Do not handle broken packages without protective equipment.

STORAGE PRECAUTIONS

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

Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
FORMALDEHYDE ...%	WEL	2 ppm	2.5 mg/m ³	2 ppm	2.5 mg/m ³	
SODIUM HYDROXIDE	WEL				2 mg/m ³	

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours. RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact. HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash hands 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. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Creamy liquid.
COLOUR	White / off-white.
ODOUR	Characteristic.
RELATIVE DENSITY	1.025
pH-VALUE, CONC. SOLUTION	11.5

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions. CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time. HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

11 TOXICOLOGICAL INFORMATION

EYE CONTACT

Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT No.
TUNNEL RESTRICTION CODE (E)

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS

TRISODIUM NITRILOTRIACETATE

RISK PHRASES

R40 Limited evidence of a carcinogenic effect.
R41 Risk of serious damage to eyes.

SAFETY PHRASES

S25 Avoid contact with 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.

Detergent Labelling

5 - < 15% anionic surfactants
NTA (nitrilotriacetic acid) and salts thereof
< 5% non-ionic surfactants

EU DIRECTIVES

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108). NATIONAL REGULATIONS

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

RISK PHRASES IN FULL

R34	Causes burns.
R35	Causes severe burns.
R22	Harmful if swallowed.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R43	May cause sensitisation by skin contact.
R41	Risk of serious damage to eyes.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed. Very
R50	toxic to aquatic organisms.