

All surfactants used in this product comply with the current European Regulations concerning Biodegradability and protection of the environment.

Product Information

SWIFT

Thickened Toilet Cleaner and Descaler

Features & Benefits

- Thickened cleaner cling to surfaces for longer contact/better cleaning
- Perfumed fragrance deodorises the toilet area
- Quick and highly effective acid cleaner
- Contains corrosion inhibitors
- Suitable for use in soft & hard water areas

Product Information

Swift is a powerful toilet cleaner and descaler specially formulated to remove heavy soiling and limescale from porcelain toilets, urinals and tiling (ceramic/quarry). Swift can be used in hard and soft water areas and is pleasantly fragranced to deodorise the washroom area.

Directions and Dilutions:

- **TOILETS & URINALS:** Flush toilet or urinal. Force water around S bend with toilet brush. Apply undiluted & leave for a few minutes. Agitate with brush if necessary. Flush with clean water. Do not leave in toilet bowl or urinal overnight.
- **GENERAL CLEANING OF CERAMIC & QUARRY TILES:** Dilute 1:50 parts water (100ml per 5lt) or 3 x $\frac{1}{4}$ or $\frac{1}{2}$ cupful per 5lt. Mop or wipe surface. Rinse with clean water.

NOT SUITABLE FOR STAINLESS STEEL, VITREOUS ENAMEL OR FIBREGLASS

Useful information:

Product Characteristics: Clear blue viscous liquid. Violet fragrance.

Storage: Store in original sealed container and protect from extremes of temperature.

Availability: Available in 20 litre boxes

Composition: Contains a blend of hydrochloric & phosphoric acids, viscosity stabiliser, nonionic surfactant, corrosion inhibitor, perfume & dye.

For any further information on this product or any other Sky Chemicals product, please contact us and we will be more than willing to help.

Safety Data Sheet

1) IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

PRODUCT NAME: SWIFT

CODE: SKY105

DATE UPDATED: 26/07/10

**SKY CHEMICALS UK LTD 126 SCOTLAND STREET,
SHEFFIELD S3 7DE**

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2) COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
HYDROCHLORIC ACID ...%	231-595-7	7647-01-0	5-10%	C;R34 Xi;R37
ETHOXYLATED OLEYLAMINE		26635-93-8	1-5%	Xn;R22. C;R34.
PHOSPHORIC ACID ...%	231-633-2	7664-38-2	25-30%	C;R34

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

3) HAZARDS IDENTIFICATION

Irritating to eyes and skin. **CLASSIFICATION** Xi;R36/38.

4) FIRST AID MEASURES

INHALATION: Not relevant. Inhalation unlikely.

INGESTION: DO NOT INDUCE VOMITING! Drink a few glasses of water or milk. Get medical attention.

SKIN CONTACT: Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT: 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.

SPECIFIC HAZARDS: If involved in fire, may emit noxious fumes.

PROTECTIVE MEASURES IN FIRE: Protective clothing and respiratory protection should be worn when tackling fires involving this product.

6) ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid contact with eyes. Avoid contact with skin.

ENVIRONMENTAL PRECAUTIONS: Large spillages or uncontrolled discharges into rivers or streams must be reported to The Environment Agency or other regulatory body.

SPILL CLEAN UP METHODS: Small quantities may be flushed to drains with plenty of water. Large Spillages Absorb in vermiculite, dry sand or earth and place into containers. Send for disposal as special waste.

7) HANDLING AND STORAGE

USAGE PRECAUTIONS: Avoid contact with skin and eyes. DO NOT mix with other chemicals.

STORAGE PRECAUTIONS: Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from Oxidising material.

8) EXPOSURE CONTROLS AND PERSONAL PROTECTION

Name	Std	LTT- ppm	LT – mg/m3	ST – ppm	ST- mg/m3
PHOSPHORIC ACID ...%	WEL		1 mg/m3		2 mg/m3

INGREDIENT COMMENTS: WEL = Workplace Exposure Limits

ENGINEERING MEASURES: Not applicable.

RESPIRATORY EQUIPMENT: None required.

HAND PROTECTION: For prolonged or repeated skin contact the use of household rubber gloves is advisable.

EYE PROTECTION: Eye protection recommended.

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

9) PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Viscous Liquid

COLOUR Clear Blue

ODOUR Violet.

SOLUBILITY Soluble in water

BOILING POINT (°C) 100 760 mm Hg **MELTING POINT (°C)** 0

RELATIVE DENSITY 1.038 @ 20 °C

pH-VALUE, CONC. SOLUTION 0.30

FLASH POINT (°C) Boils without flashing

10) STABILITY AND REACTIVITY

STABILITY: No particular stability concerns.

MATERIALS TO AVOID: Concentrated alkaline materials. Chlorine releasing materials will liberate toxic chlorine gas.

11) TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Refer to section 3.

Other Health Effects: Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

12) ECOLOGICAL INFORMATION

ECOTOXICITY: Potentially hazardous due to the acidity of the product.

BIOACCUMULATION: Completely soluble. No bioaccumulation.

DEGRADABILITY: This product, at use dilutions, is readily broken down in biological effluent treatment plants.

13) DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

14) TRANSPORT INFORMATION

PROPER SHIPPING NAME CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (hydrochloric acid)			
UN NO. ROAD:	3264	ADR CLASS	Class 8: Corrosive Substances
ADR PACK GROUP:	III	RID CLASS NO.	Class 8: Corrosive Substances
RID PACK GROUP:	III	UN NO. SEA	3264
IMDG CLASS	Class 8: Corrosive Substances	IMDG PACK GR.	III
MARINE POLLUTANT	No	UN NO. AIR	3264
ICAO CLASS:	Class 8: Corrosive Substances	AIR PACK GR.	III

15) REGULATORY INFORMATION

LABELLING: Irritant

RISK PHRASES: R36/38 Irritating to eyes and skin.

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. S46 If swallowed, seek medical advice immediately and show this container or label. S50A Do not mix with other chemicals especially chlorine releasing bleaches as toxic gas will be evolved.

ENVIRONMENTAL LISTING: Hazardous Waste (England and Wales) Regulations.

EU DIRECTIVES: System of specific information relating to Dangerous Preparations. 2001/58/EEC. As amended by Directive 93/112/EC and 2001/58/EC.

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations. 2005

APPROVED CODE OF PRACTICE: The compilation of safety Data Sheets L130.

GUIDANCE NOTES: Workplace Exposure Limits EH40. As amended in 2005. Approved guide to the Classification and Labelling of Substances and Preparations Dangerous for Supply. L100

16) OTHER INFORMATION

INFORMATION SOURCES: Approved Supply List - HSC. Material Safety Data Sheet, Misc. manufacturers.

REVISION COMMENTS: Change due to CHIP 3.1 (2005) OES or MEL replaced by WEL in section 8.

REVISION DATE 26th July 2010

REV. NO./REPL. SDS GENERATED: Issue 2

RISK PHRASES IN FULL: Harmful if swallowed. R22. Causes burns. R34 Irritating to respiratory system. R37