

Revised: 05 March 2013
Revision: 3
Supersedes date: January 2006

SAFETY DATA SHEET



BENCH CLEAN

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

1.1 Product identifier

Trade name: BENCH CLEAN (PN 3610 , 3611 , 6650, 6654)

Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture

Solvent for Removal of Dust, Spills, Solvents Oils and Industrial Contaminants.

1.3 Details of the supplier of the safety data sheet Company

QTEK Manufacturing Ltd.,
Riverside Commercial Estate,
Galway,
Ireland.
Email: info@qtek.com

1.4 Emergency telephone number

Telephone Number: + (353) 91 745160

Fax Number: + (353) 91 751299

Hours of business (Monday to Friday):

0830 – 1730 hrs.

Closed Bank Holidays and Public Holidays

2. Hazards Identification

GHS:

Physical hazard:

Not classified under GHS. Non-flammable and non-explosive product

Health hazard:

Not classified as a health hazard under GHS.

Environment hazard:

Not classified. The product has no environmentally hazardous properties.

P102

Keep out of reach of children



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3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Chemical	CAS-No.	EINECS	EU Class	Weight [%]
Deionized Water	7732-18-5	231-791-2		93 -98
Benzenesulfonic acid, C10-16-alkyl derives., calcium salts	68584-23-6	271-529-4	R23, R34, R45, R36/37/38	1 – 2
Ethylbis (hydroxyethyl)tallow alkyl, ethoxylated, Et sulfates	68071-95-4		R36/38, R45	< 1
Ethanol, 2,2'-iminobis	111-42-2	203-868-0	Xn: R22, R48/22 Xi: R38, R41	< 1
Alcohols, C10-14, ethoxylated	66455-15-0		R36, R37	< 1
Sodium Hydroxide	1310-73-2	215-185-5	R35	<< 1
2-Propanol	67-63-0	200-661-0	R11, R36, R67	<< 1

4: FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: If swallowed, do not induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

5: FIRE FIGHTING MEASURES

Flash Point & Method: None

Extinguishing Media: water, foam, dry chemical & carbon dioxide

Fire Fighting Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, (NIOSH approved or equivalent) and full protective gear.

Hazardous Combustion Products: Smoke, fumes and oxides of carbon..

6: ACCIDENTAL RELEASE MEASURES

Avoid runoff into storm sewers and ditches which lead to waterways.
Absorb the liquid and scrub the area with detergent and water.



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7: HANDLING AND STORAGE

Handling: Wash thoroughly after handling.
Use only in a well-ventilated area.
Store in a cool dry place.

Storage Temperatures: Store in a cool place in original container and protect from sunlight.

Storage Pressure: Store at local atmospheric pressure.

General: Observe good housekeeping practices. Follow all SD sheet and label warnings even after container is emptied. This product has a shelf life of three years from the date of manufacturing.

8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components		OSHA PEL 8 hours		ACGIH TLV	
		TWA	STEL	TWA	STEL
2- Propanol	TWA	400 ppm	980 mg/m ³	400 ppm	980 mg/m ³
	STEL	500 ppm	1225 Mg/m ³	500 ppm	1225 Mg/m ³
Sodium hydroxide	TWA		NE		NE
	STEL		NE		NE
Ethanol, 2, 2'-iminobis-	TWA		NE		NE
	STEL		NE		NE

Engineering Controls: Local Exhaust ventilation acceptable

Personal Protection:

Respirator If concentrations are over the exposure limit and are known, air purifying respirator with Organic Vapour Cartridges may be acceptable. Refer to cartridges for acceptable levels. If concentrations are over exposure limits and are unknown, use a supplied air respirator.

Hand Protection Gloves Recommended EN374: Solvex, neoprene, viton, butyl, buna, natural latex acceptable.

Eye Protection: For normal conditions, may use without safety glasses. Where there is reasonable probability of liquid contact, wear splash-proof goggles EN 166.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Clear blue liquid
Physical State	Liquid
Odour	Pleasant Soapy Odour
Boiling Point	100°C / 212°F
Specific Gravity	1.010
Freezing Point	0°C / 32°F
pH	neutral
Solubility in Water	100
VOC (g/L)	<1.81 g/l
VOC as per CARB 310	0.181%

10: STABILITY AND REACTIVITY

General: Stable. Polymerization will not occur.
Incompatible Materials and Conditions to Avoid: May decompose if heated.
Hazardous Decomposition: Forced combustion yields carbon and silicone oxides.

11: TOXICOLOGICAL INFORMATION

Human Experience: OSHA / NTP / DHHS - This product contains residuals of ethylene oxide which is a known carcinogen listed on the 11th Report on Carcinogens (RoC) and NIOSH carcinogen list.

LD50 Rabbit (dermal)	12,800 mg/kg (Isopropanol)
LD50 Rat (inhalation)	16,000 ppm: 8 hours (Isopropanol)
LD50 Rabbit (oral)	6410 mg/kg (Isopropanol)

12: ECOLOGICAL INFORMATION

Isopropyl alcohol has a high biochemical oxygen demand and a potential to cause oxygen depletion in aqueous systems, a low potential to affect aquatic organisms, a low potential to affect secondary waste treatment microbial metabolism, a low potential to affect the microorganisms from activated sludge.

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SECTION 13: DISPOSAL CONSIDERATIONS

It does not meet the criteria of a hazardous waste.
Ensure proper disposal compliance with proper authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

U.S. DOT Information:

Proper Shipping Name: Non Hazardous Material
Hazard Class: NA

IATA:

Proper Shipping Name: NON HAZARDOUS MATERIAL
Hazard Class: NA

15: REGULATORY INFORMATION

This SDS is written in accordance to REACH Directive EC1907/2006 Annex II and GHS requirements.
This product is not subject to REACH restrictions.

It does not contain any candidates on the SvHC.

SECTION 16: OTHER INFORMATION

This revision was updated from previous revision to incorporate requirements of REACH Regulation 1907/2006, CLP Regulation 1272/2008 and Safety Data Sheet format changes as per Annex II of REACH EU No 453/2010.

SDS history:

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First issue: 01 January 2004
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Further information

Other information:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

The 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, unless specified in the text. This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

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