

KR SAWCUT SOL - DB

SECTION 1	IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING
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| 1.1 Product Identifier | KR SAWCUT |
| Product Code | SOL -DB |
| 1.2 Relevant identified uses of the substance or mixture and uses advised against | Soluble metalworking fluid
Do not use in any other application. |
| 1.3 Company | KR Saws Ltd
Unit A2 Abbey Ind Est
Bodmin Road,
Coventry, CV2 5DB |
| 1.4 Emergency Telephone Number | +44 (0)2476 610907 (Monday – Friday 08.30 – 17.00 hrs GMT) |
| 1.5 Other Information | Preparation Date: 02/04/2014 |

SECTION 2	HAZARD IDENTIFICATION
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| 2.1 Classification of the substance or mixture | CLP Classification:
Not classified as dangerous

Not classified as dangerous for the Environment |
| <i>See section 16 for full text of H and R phrases</i> | Classification to DPD (1999/45/EC) and CHIP
Not classified as dangerous |
| 2.2 Label Elements | Labelling in accordance with CLP

(P102) Keep out of reach of children
(P262) Do not get in eyes, on skin or on clothing
(P281) Use personal protective equipment as required
(P302)+(P352) If on skin: wash with plenty of soap and water
Labelling in accordance with CHIP

S2: Keep out of the reach of children
S24/25: Avoid contact with skin and eyes
If the material becomes in contact with clothes, remove all clothing and wash thoroughly with water
S36/37: Wear suitable protective clothing and gloves
S27/28: After contact with skin, take off immediately all contaminated clothing and wash immediately with plenty of water.
PBT: This substance is not identified as a PBT substance. |
| 2.3 Other Hazards | |

SECTION 3	COMPOSITION/ INFORMATION ON INGREDIENTS
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3.2 Mixtures					
Hazardous Ingredients	EC No.	REACH Reg. No.	GHS Classification	DSD Classification	Conc. %
Monoethanolamine Borate	26038-87-9	Not available	Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315	Xi; R36/37/38	1-10
Biocide	227-062-3	Not available	Skin irrit. 2, H315 Eye irrit. 2, H319	Xi; R36/38	1-10
Safrafos P 950	500-235-3	Not available	Skin irrit. 2, H315 Eye irrit. 2, H319	Xi; R36/38	1-10
Fungicide	223-296-5	Not available	Acute Tox. 4; H332 Acute Tox. 4; H312 Acute Tox. 4; H302 Skin irrit. 2, H315 Eye irrit. 2, H319 Aquatic Acute 1; H400	Xn; R20/21/22 Xi; R36/38 N; R50	<1

SECTION 4	FIRST AID MEASURES
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- 4.1 **Description of first aid measures**
 - Eyes** Bathe the eye with running water for 15 minutes
 - Skin** Wash immediately with plenty of soap and water
 - Ingestion** Do not induce vomiting. Wash out mouth with water. Give 1 cup of water to drink every 10 minutes. Transfer to hospital as soon as possible.
- 4.2 **Most important symptoms and effects, both acute and delayed** None specified
- 4.3 **Indication of immediate medical attention and special treatment needed, if necessary** Not applicable.

SECTION 5	FIRE-FIGHTING MEASURES
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- 5.1 **Extinguishing media** Water spray (fog), dry chemical or CO2.
- 5.2 **Specific hazards arising from the substance or mixture** No specific data.
- 5.3 **Advice for fire-fighters** Fire-fighters should wear self-contained breathing apparatus.

SECTION 6	ACCIDENTAL RELEASE MEASURES
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- 6.1 **Personal precautions, protective equipment and emergency procedures** See Section 8 for protective equipment. Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment. Follow all fire-fighting procedures (Section 5).
- 6.2 **Environmental precautions** Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3 **Methods and material for containment and cleaning up** For small spills, add absorbent and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.
- 6.4 **Reference to other sections**
 - Personal protective equipment: See section 8
 - Emergency contact information: See section 1
 - Waste treatment information: See section 13

SECTION 7	HANDLING AND STORAGE
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- 7.1 **Precautions for safe handling** Observe good hygiene practices and use a suitable barrier cream at regular intervals.
- 7.2 **Conditions for safe storage, including any incompatibilities** Store in cool, well ventilated area. Suitable packaging materials include plastic and metal.
- 7.3 **Specific end use(s)** No data available.

SECTION 8	EXPOSURE CONTROLS/PERSONAL PROTECTION
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- 8.1 **Control parameters**

Country	Substance	Long Term (8 Hours TWA)	Short Term (15 Mins)
Not applicable			
- 8.2 **Exposure controls**

Hand Protection:	Protective gloves.
Eye Protection:	Safety glasses.
Skin Protection:	Protective clothing.

SECTION 9	PHYSICAL AND CHEMICAL PROPERTIES
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- 9.1 **Information on basic physical and chemical** Does not constitute a specification

properties

Typical Values

Grades:	Units	KR SAWCUT SOL-DB
Appearance		Blue Liquid
Odour		Bland
Odour Threshold		No data available
pH		9.1 (typ)
Relative density	kg/m ³	0.990 typ
Solubility - water		Soluble
- Fat/solvents		Soluble
Melting point/Freezing point	°C	No data available
Initial boiling point and range	°C	No data available
Flash point	°C	>160
Flammability		No data available
Upper/lower flammability or explosive limits		No data available
Vapour pressure	kPa (0.1 mm Hg)	No data available
Partition coefficient n-octanol/water	Log Pow	No data available
Autoignition temperature		No data available
Decomposition temperature		No data available
Viscosity	mm ² /s	Not determined
Evaporation rate		No data available
Vapour density		No data available
Explosive properties		Not available
Oxidising properties		Not available

9.2 Other Information Not Applicable.

SECTION 10 | STABILITY AND REACTIVITY

10.1 Reactivity	Stable under recommended transport or storage conditions.
10.2 Chemical stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
10.4 Conditions to avoid	Direct sunlight.
10.5 Incompatible materials	No information available
10.6 Hazardous decomposition products	No specific data

SECTION 11 | TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Toxicity Values	Not applicable
Symptoms/routes of exposure	No information available

SECTION 12 | ECOLOGICAL INFORMATION

12.1 Toxicity	Ecotoxicity values: Not applicable
12.2 Persistence and Degradability	Not biodegradable
12.3 Bioaccumulative Potential	No bioaccumulation potential
12.4 Mobility in Soil	No information available
12.5 Results of PBT and vPvB Assessment	This substance is not identified as a PBT substance.
12.6 Other Adverse Effects	None known.

SECTION 13 | DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Send to registered waste disposal site using services of a registered waste disposal contractor. Disposal of packaging: Dispose of as normal industrial waste. **NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14	TRANSPORT INFORMATION
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Not classified as hazardous for transport (ADR, RID, UN , IMO, IATA/ICAO).

SECTION 15	REGULATORY INFORMATION
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15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations. Transport regulations: CDG: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations. A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

15.2 Chemical Safety Assessment

SECTION 16	OTHER INFORMATION
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Full text of classification data in sections 2 and 3

STOT SE 3; H335	Specific target organ toxicity, single exposure; Respiratory tract irritation, Hazard Category 3; May cause respiratory irritation
Acute Tox. 4; H332	Acute toxicity, inhalation, Hazard Category 4; Harmful if inhaled
Acute Tox. 4; H302	Acute Toxicity Oral, Hazard Category 4; Harmful if swallowed.
Acute Tox. 4; H312	Acute Toxicity Skin, Hazard Category 4; Harmful in contact with skin
Aquatic Acute 1; H400	Aquatic Toxicity Acute, Hazard Category 1; Very toxic to aquatic life
Eye Irrit. 2; H319	Serious Eye Damage/Eye Irritation, Hazard Category 2; Causes serious eye irritation
Skin Irrit. 2; H315	Skin Corrosion/Irritation, Hazard Category 2; Causes skin irritation
Xn ; R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
Xi ; R36/37/38	Irritating to eyes, respiratory tract and skin
Xi ; R36/38	Irritating to eyes and skin
N ; R50	Very toxic to aquatic organisms

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