



Section 1. Product and Company Identification.

1.1 Model Number; SCO/5L v1
1.2 Description; Soluble Cutting Oil 5ltr

1.3 Manufacturer;

Sealey Group.
Kempson Way,
Bury St. Edmunds,
Suffolk.
IP32 7AR

1.4 Emergency telephone number; 44 (0) 1284 757 500 (Office Hours)

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Section 2. Hazards Identification.

2.1 Classification of the substance or mixture.

Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1A: H317

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

2.2 Label elements.

Hazard pictogram(s)



Signal Word. Warning

Hazard statements;

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

Precautionary statements;

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothes/eye protection/face protection.

P302+352: IF ON SKIN, wash with plenty of water/soap.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

2.3 Other hazards.

No information available.



Section 3. Substances.

3.1 Chemical Name (substance)	3.1 CAS No.	3.2 Concentration Volume	Classification	
			Hazard Class & Category Code	Hazard Statements
Base Oil	64742-53-6	50 - 70%	Carc. 1B	H350
Alkyl Dicarboxylate Ionic Complex Secondary Amine Free	84471-25-0	1 - 10%	Not classified	-
Proprietary Alkanolamine Ionic Complex Secondary Amine Free	68132-47-8	1 - 10%	Not classified	-
2,2-Butoxyethoxy Ethanol	112-34-5	1 - 10%	Eye Irrit. 2	H319
Orthoboric Acid, Comp with 2 Aminoethanol Rev 1	26038-87-9	1 - 10%	Not classified	-
Mono Di-Glycol Phosphate Ester Salt 1-4%	59112-71-9	1 - 10%	Not classified	-
Alkanolamine Carboxylate Condensate	84471-25-0	1 - 10%	Not classified	-
Orthoboric Acid Comp with 2,2-Iminodiethanol	67952-33-4	1 - 10%	Not classified	-
Amine Neutralised Carboxylic Acids	-	< 1%	Not classified	-
Fungicide	55406-53-6	< 1%	Not classified	-

For full text of Phrases and Statements, see Section 16.

Section 4. First Aid Measures.

4.1 Description of first aid measures

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

Remove all contaminated clothing and footwear.
Wash immediately with plenty of soap and water.

Eye Contact

Bathe the eye with running water for 15 minutes.
Consult a doctor.

Ingestion

Wash out mouth with water.
Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

No information available.



Section 5. Fire Fighting Measures.

5.1. Extinguishing media

Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Wear self-contained breathing apparatus.

Wear protective clothing to prevent contact with skin and eyes.

Section 6. Accidental Release Measures.

6.1. Personal precautions, protective equipment and emergency procedures

Refer to Section 8 for personal protection details.

6.2. Environmental precautions

Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Absorb into dry earth or sand.

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

See Section 7 for information on Safe Handling

See Section 8 for information of Personal Protective Equipment.

See Section 13 for information on disposal.



Section 7. Handling and Storage.

7.1. Precautions for safe handling

Avoid direct contact with substance.
Ensure there is sufficient ventilation of the area.
Do not handle in a confined space.
Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Store in cool, well ventilated area.
Keep container tightly closed.

7.3. Specific end use(s)

Intended for use as cutting oil for the Model Number identified in 1.1 with Description stated in 1.2.

Section 8. Exposure Controls/Personal Protection.

8.1. Control parameters

No information available.

8.2. Exposure controls

Appropriate Engineering Controls

Ensure there is sufficient ventilation of the area.

Eye/Face Protection

Safety glasses.
Ensure eye bath to hand.

Skin Protection

Protective clothing, use a suitable barrier cream at regular intervals and observe good hygiene practices.
Nitrile protective gloves, apply barrier cream after thoroughly washing and drying hands.

Respiratory Protection

Self-contained breathing apparatus must be available in case of emergency.

This product contains volatile ethanalamine's and therefore is always good practice to use respiratory protection if poor levels of extraction from area of use. Ensure general machine tool extraction is sufficient to remove coolant MIST from machine tool area during and after machining. If poor extraction exists then it is advised, after machining has finished, to allow coolant MIST to dissipate.



Section 9. Physical and Chemical Properties.

9.1. Information on basic physical and chemical properties

The following information is not a technical specification or sales specification.

(a) Appearance:	Amber liquid.
(b) Odour:	Bland.
(c) Odour threshold;	No information available.
(d) pH:	9.3
(e) Melting point/freezing point;	No information available.
(f) Initial boiling point and boiling range;	No information available.
(g) Flash point;	> 150°C
(h) Evaporation rate;	No information available.
(i) Flammability (solid, gas);	No information available.
(j) Upper/lower flammability or explosive limits;	No information available.
(k) Vapour pressure;	No information available.
(l) Vapour density;	No information available.
(m) Relative density;	0.925
(n) Solubility (ies);	Soluble.
(o) Partition coefficient: n-octanol/water;	No information available.
(p) Auto-ignition temperature;	No information available.
(q) Decomposition temperature;	No information available.
(r) Viscosity;	Non-viscous.
(s) Explosive properties;	No information available.
(t) Oxidising properties.	No information available.

9.2 Other information No information available.

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	Protect from frost.
10.5. Incompatible materials	Strong oxidizing agents and acids.
10.6. Hazardous decomposition products	In combustion emits toxic fumes.

Section 11. Toxicological Information.

11.1. Information on toxicological effects

1,3,5-TRIS(2-HYDROXETHYL)HEXAHYDRO-1,3,5-TRIAZINE

ORAL	RAT	LD50	763	mg/kg
SKIN	RAT	LD50	> 2	mg/kg



Section 12. Ecological Information.

12.1. Toxicity	No data available.
12.2. Persistence and degradability	No information available.
12.3. Bioaccumulative potential	Not biodegradable.
12.4. Mobility in soil	No information available.
12.5. Results of PBT and vPvB assessment	This product is not identified as a PBT/vPvB substance.
12.6. Other adverse effects	No information available.

Section 13. Disposal Considerations.

Disposal must be in accordance with local authority regulations.

Section 14. Transport Information.

Product identified in 1.1 with description stated in 1.2 is not classified as hazardous for transport.

Section 15. Regulatory Information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No information available.

15.2. Chemical safety assessment
No information available.

Section 16. Additional Information.

Full text of Phrases and Statements used in Section 3;

H319: Causes serious eye irritation.

H350: May cause cancer.

The above information is believed to be accurate and represents the best information currently available.

No warranty is expressed or implied by the above information.

We assume no liability resulting from use of the above information.

The end user should conduct their own investigations to determine the suitability of the above information for their particular purpose.

Issue level	Date	Revisions
1	31/07/09	First issue.
2	13/10/15	Format only.
3	27/02/17	Section 2, 3, 7, 11, 13 & 16

End of Safety Data Sheet.