



Sheet reference: 05154 HS

1 of 3

**Product: CHAINLIFE S**  
**HEALTH & SAFETY DATA SHEET**

1.	IDENTIFICATION OF THE SUBSTANCE / PREPARATION	Trade Name:	CHAINLIFE S
2.	COMPOSITION/INFORMATION ON INGREDIENTS:	Product Formal Name: Information of composition: Hazardous ingredients:	Chain Lubricant Fluid additives in synthetic ester. Octylated phenyl $\alpha$ -naphthylamine CAS 68259-36-9 R52/53 1-5% Phenolic antioxidant CAS 2082-79-3 R53 1-5%
3.	HAZARDS IDENTIFICATION:	Health Effects - Eyes: Health Effects - Skin: Health Effects - Ingestion: Health Effects - Inhalation:	Liquid may cause irritation and transient corneal damage. Material may cause irritation. Repeated or prolonged contact may lead to irritation and dermatitis. Unlikely to be absorbed in harmful amounts. Diarrhoea and vomiting. Exposure to vapour may cause respiratory discomfort.
4.	FIRST AID MEASURES:	General Instructions First Aid - Eyes: First Aid - Skin: First Aid - Ingestion: First Aid - Inhalation:	Soiled, soaked clothing should be taken off immediately and safely disposed of. Wash thoroughly with copious quantities of water and consult medical practitioner. Wash immediately with copious quantities of water and soap. Wash mouth and drink water. Consult a medical practitioner. Place subject in fresh air and allow subject to rest. Seek medical attention.
5.	FIRE FIGHTING MEASURES:	Extinguishing Media: Unsuitable Extinguishing Media: Protective Equipment for Fire-Fighting:	Foam, Powder, Carbon Dioxide. Water. Independent breathing apparatus to be used.
6.	ACCIDENTAL RELEASE MEASURES:	Personal Precautions: Environmental: Spillages:	There is a particular danger of slipping from spilled or released product. Not to be allowed to penetrate underground or into the earth. Not to be allowed to penetrate into sewers/surface water. Absorb into liquid-absorbent materials.
7.	HANDLING AND STORAGE:	Instructions for safe handling: Storage: Storage Classification:	Avoid contact with eyes, skin and clothing. Keep container tightly closed when not in use. Keep away from fire sources. No smoking. 5°C minimum to 25°C maximum. 10
8.	EXPOSURE CONTROLS/PERSONAL PROTECTION:	Exposure Standards: Respiratory Protection: Hand Protection: Eye Protection: Body Protection:	None assigned. Respiratory protection if there is a risk of exposure to sprayed product. PVC or rubber gloves. Chem. goggles or face shield. If there is danger of splashing, wear: PVC or rubber boots, PVC or other impermeable suit.



Sheet reference: 05154 HS

2 of 3

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9.	PHYSICAL AND CHEMICAL PROPERTIES:	Physical State	Liquid
		Colour:	Yellow-brown.
		Odour:	Synthetic ester.
		Density (kg/m <sup>3</sup> )	960 at 20°C.
		Flash Point (PMCC):	288°C.
10.	STABILITY AND REACTIVITY:	Reactivity:	With strong oxidising agents
		Decomposition products:	CO <sub>2</sub>
		Thermal Decomposition:	Stable at ambient temperature.
11.	TOXICOLOGICAL INFORMATION:	Irritancy - Skin:	Accidental contact unlikely to be irritating to the skin.
		Skin Sensitisation	Prolonged contact can cause dermatitis.
		Genotoxicity:	No known mutagenic activity are known.
		Reproductive/Developmental	No adverse effects are known.
12.	ECOLOGICAL INFORMATION:	Mobility:	The product is poorly absorbed into soils or sediments.
		Persistence/Degradability:	The product is not expected to be readily biodegradable.
		Bio-accumulation:	Not known.
		Ecotoxicity:	Not known.
13.	DISPOSAL:	Waste Disposal:	As per synthetic coolants and lubricants
		Product Disposal:	Incineration. Dispose of in accordance with all app and national regulations.
		Container Disposal:	Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near to the container.
14.	TRANSPORT INFORMATION:	Not classified as dangerous.	
15.	REGULATORY INFORMATION:	Hazard Marking:	The product is classified and marked in accordance with EC dangerous goods guidelines. No R-phrases cited No S-phrases cited
		Labelling information:	
		R phrases:	Not applicable.
		S phrases:	Not applicable.
		National Regulations	See TRGS 102
		Instructions on employment restriction:	
		Accident Regulations:	No Data
Regulations concerning flammable liquids:	Inapplicable		
TA - air:	No Data		
Water Hazard Classification:	1 Self-Classification		



Sheet reference: 05154 HS

3 of 3

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	SDS first issued:	20.03.96
	SDS data revised	09.02.07
	UK Legislation (as amended):	Health & Safety at Work etc Act 1974, and relevant Statutory Provisions. Management of Health and Safety at Work Regulations, 1992. Control of Substances Hazardous to Health (COSHH) Regulations, 1988. Chemicals (Hazard Information and Packaging) Regulations; 1993. Highly Flammable Liquid and Liquefied Petroleum Gases Regulations, 1972.
16. OTHER INFORMATION:	UK Further Detailed Guidance (current editions):	HS(G)65, Successful Health and Safety Management, HSE. Approved Code of Practice - Management of Health and Safety at Work, HSE. General Approved Code of Practice to COSHH Regulations, HSE. HS(G) 97, A Step by Step Guide to COSHH Regulations, HSE. EH40, Occupational Exposure Limits, HSE. Revised Annually. EH42, Monitoring Strategies for Toxic Substances, HSE. EH26, Occupational Skin Diseases: Health and Safety Precautions, HSE. HSE(G) 37, An Introduction to Local Exhaust Ventilation, HSE. HS(G) 53, Respiratory Protective Equipment - a Practical Guide for Users, HSE.

The data is intended to facilitate the safe handling of our products and does not have the significance of ensuring a contractual or legal responsibility for the properties quoted.