

SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: SHARK OIL compressed air aerosol spray

Product code: TWS0

Company/undertaking identification:

Registered company name: Stevens Industrail Services Ltd

Address: Littleburn Ind Est, Langley Moor, Durham City DH7 8JE

Telephone: 0191 3781786 Fax:0191 3781786 E-mail sales@stevens-sis.co.uk

Emergency telephone: ++49 (0)30 19240. Germany

Association/Organisation: Giftnotruf Berlin (Institut für Toxikologie).

Use of the substance/preparation: Neat oil for machining operations

2 - COMPOSITION/INFORMATION ON INGREDIENTS

Other substances with occupational exposure limits: No known substance in this category present.

3 - IDENTIFICATION OF HAZARDS

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site

This preparation is not classed as hazardous to health by directive 1999/45/EC.

Other data: High risk of slipping due to leakage/spillage of product.

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation: In case of inhalation, take the affected person to fresh air.

In the event of splashes or contact with eyes: Rinse eyes thoroughly with clean and fresh water.

In the event of splashes or contact with skin: Remove contaminated clothing and wash the skin thoroughly with soap and water.

Do not use solvents or thinners.

In the event of swallowing: In case of swallowing, keep the patient at rest and contact a doctor.

Information for the doctor: Treat symptomatically

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water spray or -fog, foam, CO₂, dry chemical powder

Special protective equipment for fire-fighters:

Fire-fighting personnel must use breathing apparatus with independent air supply (insulated)

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

Combustion produces a complex mixture of gases and airborne particulates, including: CO, CO₂, SO_x, unidentified organic and inorganic compounds

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Consult the safety measures listed under headings 7 and 8.

Environmental precautions: Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth

in drums for waste disposal.

Prevent any material from entering drains or waterways.

Methods for cleaning up: Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling: No special handling measures necessary. Do not pierce pressurized container even when empty. Avoid exposing the container to direct sunlight or heat sources with a naked flame. Keep container capped until ready for use to avoid accidental release of the contents. Do not smoke whilst using the product.

Advice for Fire and Explosion Protection: Avoid exposing the container and/or packaging to temperatures in excess of 50°C.

Storage: Keep packaging closed and away from Frost. Avoid exposing packaging to direct sunlight or heat sources. Avoid exposure to extremes of temperature below 5°C and above 50°C. Avoid storage with strong oxidizing substances.

Conditions of Storage and Packaging: Storage temperatures: 0°C and 40°C

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures: Personnel shall wear regularly laundered overalls.

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

Respiratory protection: If mist or smoke occurs see that there is sufficient ventilation, cap cover and/or suction apparatus.

Hand protection: Wear protective gloves if advisable under safety aspects. Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

Use appropriate protection cream, especially if for safety reasons protective gloves are not advisable.

Eye and face protection: Use glasses or face shield if there is a risk of spurting.

Skin protection: Standard issue working clothes. Safety shoes or boots - chemical resistant.

Avoid long and intensive skin contact. Before working use protection cream.

Remove contaminated clothing. Wash affected skin with soap and water.

Don't keep lubricant contaminated rags in pockets of working clothes.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information: Physical state: fluid liquid

Important health, safety and environmental information:

pH of the substance or preparation: not relevant. The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range: not specified.

Flash point interval: Flash point: > 61°C

vapour pressure: not specified.

Density: < 1

Density: 863 kg/m³ [20 °C; ASTM D 1298]

water solubility: Insoluble.

Viscosity: 9,5 mm²/s [40 °C; ASTM D 7042]

Other information: melting point/melting range: not specified.

Self-ignition temperature: not specified.

Decomposition point/decomposition range : not specified.

% VOC: 0

10 - STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per section 7 of the safety data sheet,

Materials to avoid: extremely oxidizing materials

Hazardous decomposition products: No dangerous decomposition products occur **under normal storage and use conditions**.

11 - TOXICOLOGICAL INFORMATION

The preparation contains no substance classed as hazardous per directive 67/548/EEC.

The toxicological information are based on data for the component(s) and/or are deduced from the results of the evaluation according

to the criteria of the substances/preparations directive.

In the event of exposure by inhalation: The product is not irritating to the respiratory system.

Toxic effects are not expected: LC50 >5 mg/l/4h (rat)

Sensitization by inhalation is not expected.

In the event of swallowing: Toxic effects are not expected: LC50 > 2000 mg/kg (rat)

In the event of splashes or contact with skin: Sensitization by skin contact is not expected.

Toxic effects are not expected: LC50 > 2000 mg/kg (rat)

In the event of splashes or contact with eyes: Splashes in eyes may cause irritations and reversible damages.

Other data: No data available to demonstrate that the product has chronic or harmful effects on human health.

The product is not expected to be carcinogenic, mutagenic, teratogenic, or toxic for reproduction.

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The ecological information are based on data for the component(s) and/or are deduced from the results of the evaluation according to the criteria of the substance/preparation directive.

Mobility: In nature the product is liquid in most of conditions.

WATER : it floats on the surface.

SOIL : In consideration of its physico-chemical characteristics, the product is expected to be not very mobil in soil

Persistence and degradability: The product contains >90% readily biodegradable components.

Bioaccumulative potential: Potentially bioaccumulable.

Ecotoxicity: Toxic effects on aquatic organisms are not expected: LC50/EC50/IC50 >100 mg/l.

Other adverse effects: Germany: WGK 1 (VwVwS vom 17/05/99, KBws)

Informations on adsorbable halogenic compounds (AOX): The product does not contain substances which may increase the AOX value.

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste: Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging: Empty container completely. Keep label(s) on container. Empty containers must not be burned because of explosion hazard due to slight residual pressure when empty. Give to a certified disposal contractor.

Recommended cleaning agents: hydrocarbons cleaners.

Codes of wastes (Decision 2001/573/EC, Directive 75/442/EEC, Directive 91/689/EEC on hazardous waste) :

12 01 19 * readily biodegradable machining oil

Allocation of the waste code numbers must be realized under considerations of existing sector specifics and processes. The above allocation is a recommendation for the disposal of the product after recommended use.

14 - TRANSPORT INFORMATION

Transportation by Road/Rail/Sea

(ADR / RID / IMDG):

Mark/Letter:	2
Class:	2.2
UN N° .:	1950

15 - STATUTORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2004/73/EC with the 29° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This preparation is not classed as hazardous to health by directive 1999/45/EC.

This product is not classed as flammable.

Particular provisions: Germany: WGK 1 (VwVwS vom 17/05/99, KBws)

Informations regarding directive 1999/13/EC (about the limitation of volatile organic compounds): content of volatile organic compounds (VOC) see chapter 9.

Distinguishing marks: Outer packaging to be identified as Pressure Spray by the use of the figures "1950" within the borders of a diamond displayed on the outer carton, and with the figure "2" displayed also within the borders of the diamond.

Symbol Letter: None.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling

instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties. The product should be used for industrial processing or applications only.