



SAFETY DATA SHEET Advanced Oil & Gearbox Treatment

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Advanced Oil & Gearbox Treatment
- Product Part Number: SXAOT300

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

- Use of the substance/mixture: Mixture of lubricity additives and extreme pressure additives.
- Use advised against: For specific application information consult Technical Data Sheet

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Central Solutions (GB) Ltd
- Address of Supplier: Sol-X House,
Windmill Lane
Norton
Doncaster
DN6 9AT
- Telephone: +44 (0) 1302 708895 Office hours only.
- Email: info@solxsolutions.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1302 708895
Mon-Fri 09:00 - 17:00

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Not classified

2.2 Label elements

- Signal Word: Not classified
- Hazard statements
CLP: Not Classified
- Precautionary statements
None assigned

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

- C18-20 chlorinated paraffin (chlorination:20 - 50 %)
CAS Number: 63449-39-8
EC Number: 264-150-0

SECTION 3: Composition/information on ingredients (....)

REACH Registration Number: 01-2119494016-38-xxxx

Concentration: 20 to 40%

H Statements: Not classified.

Symbols: None assigned

- Base Mineral Oil

CAS Number: Various see Section 16

EC Number: -

REACH Registration Number: Compliant

Concentration: 20 to 50%

H Statements: Not classified.

Symbols: None assigned

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Inhalation

If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

- Contact with eyes

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses. Get medical attention.

- Contact with skin

Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.

- Ingestion

Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

- See Section 11 for more detailed information on health effects and symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment should be symptomatic and directed to relieving any effects.
-

SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

- If heated or in cases of fire, pressure in a vessel will increase and container may burst.
- Carbon oxides (CO, CO₂), smoke and irritating vapours as products of incomplete combustion.

5.3 Advice for firefighters

SECTION 5: Firefighting measures (....)

- Promptly isolate and secure the scene, remove all unnecessary and untrained persons from the vicinity if there is a fire.
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European Standard EN 469 will provide a basic level of protection for chemical incidents.
-

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Stop any leak if it is safe to do so.
- Absorb with sand or other inert absorbant. Collect in containers and seal securely.
- Adopt best manual handling considerations when handling, carrying and dispensing.
- Appropriate protective equipment must be worn when handling a spill of this material. See SECTION 8, Exposure Controls/Personal Protection, for recommendations. If exposed to material during clean-up operations, see SECTION 4, First Aid Measures, for actions to follow.

6.2 Environmental precautions

- Do not allow product to enter drains. Prevent further spillage if safe. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

- Stop any leak if it is safe to do so.
- Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- Dispose of in compliance with all local and national regulations.

6.4 Reference to other sections

- See Section 1 for emergency contact information.
See Section 5 for firefighting measures.
See Section 8 for information on appropriate personal protective equipment.
See Section 12 for environmental precautions.
See Section 13 for additional waste treatment information.
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Use appropriate personal protective equipment.
- Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

- Store in accordance with local regulations.
- Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

7.3 Specific end use(s)

- The identified uses for this product are detailed in Section 1.2.
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

SECTION 8: Exposure controls/personal protection (....)

Substances

Chemical Name	WEL (short term)	WEL (long term)
Base Mineral Oil	-	5mg/m3

- If this product contains ingredients with exposure limits, personal and/or workplace atmosphere monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

8.2 Exposure controls



- Engineering Controls
- Appropriate Engineering Control:
All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled.
Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained.
No special requirements under ordinary conditions of use and with adequate ventilation.
- Eye Protection
If contact is likely, safety glasses are recommended.
- Hand Protection
As specific work environments and material handling practices vary, safety procedures should be developed for each intended application. The correct choice of protective gloves depends upon the chemicals being handled and the conditions of work and use.
Recommended: Nitrile or alternative suitable glove.
Breakthrough time represents how long a glove can be expected to provide effective permeation resistance. Always consult with your glove supplier for up-to-date technical information on breakthrough.
- Respiratory Protection
No special requirements under ordinary conditions of use and with adequate ventilation.
- Skin and Body Protection
Wear appropriate clothing as protection against splashing.
In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.
- Hygiene Measures
Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking.
Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Amber Liquid
- Odour: Characteristic.
- Density: 0.94 at 15°C
- Viscosity (kinematic): 40cSt at 40°C
- Viscosity (kinematic): 6cSt at 100°C
- Freezing point/Range: <5°C
- Boiling Point/Range: >100°C
- Flashpoint: >130°C
- Oxidising Properties: No information available
- Autoignition Temperature: No information available

SECTION 9: Physical and chemical properties (....)

9.2 Other information

- The figures in this section are for guidance only please always use them in conjunction with the technical data sheet.
-

SECTION 10: Stability and reactivity

10.1 Reactivity

- No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- None under normal processing.
- Hazardous polymerisation does not occur.

10.4 Conditions to avoid

- Avoid heat, flames and other sources of ignition.

10.5 Incompatible materials

- Reactive or incompatible with the following materials: oxidizing materials.

10.6 Hazardous decomposition products

- Under normal conditions of storage and use, hazardous decomposition products should not be produced
-

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- GENERAL INFORMATION. This product has low toxicity. Only large volumes may have adverse impact on human health.
 - Acute toxicity - oral: LD50 expected >2000mg/kg (rat)
 - Inhalation may cause irritation to the respiratory tract.
 - Ingestion: May cause nausea and diarrhoea.
 - Repeated exposure could cause skin dryness or cracking.
 - No other specific data and information available.
-

SECTION 12: Ecological information

12.1 Toxicity

- Not classified as dangerous

12.2 Persistence and degradability

- Inherently biodegradable.

12.3 Bioaccumulative potential

- The product has limited potential for bioaccumulation. The product is not expected to bioaccumulate through food chains in the environment.

12.4 Mobility in soil

- No data available.
 - Spillages may penetrate the soil causing ground water contamination.
-

SECTION 12: Ecological information (....)

- Immiscible with water.

12.5 Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

12.6 Other adverse effects

- Spillages may form an oil layer on water surfaces causing physical damage to organisms. Oxygen transfer may also be impaired.
-

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Dispose of in compliance with all local and national regulations.

13.2 Classification

- This material and its containers must be disposed of as controlled waste. Dispose of waste via a licensed waste disposal contractor.
-

SECTION 14: Transport information

14.1 UN number

- UN No.: Not regulated.

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable.

14.3 Transport hazard class(es)

- Hazard Class: Not applicable.

14.4 Packing group

- Packing Group: Not applicable.

14.5 Environmental hazards

- Not classified.

14.6 Special precautions for user

- Not available.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not available.
-

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
- Regulation (EC) No 1272/2008 of the European Parliament and the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
-

SECTION 16: Other information

May contain one or more of the following: 101316-69-2 / RRN 01-2119486948-13, 101316-70-5, 101316-71-6, 101316-72-7 / RRN 01-2119489969-06, 64741-88-4 / RRN 01-2119488706-23, 64741-89-5 / RRN 01-2119487067-30, 64741-95-3 / RRN 01-2119487081-40, 64741-96-4 / RRN 01-2119483621-38, 64741-97-5 / RRN 01-2119480374-36, 64742-01-4 / RRN 01-2119488707-21, 64742-44-5 / RRN 01-2119985177-24, 64742-45-6, 64742-52-5 / RRN 01-2119467170-45, 64742-53-6 / RRN 01-2119480375-34, 64742-54-7 / RRN 01-2119484627-25, 64742-55-8 / RRN 01-2119487077-29, 64742-56-9 / RRN 01-2119480132-48, 64742-57-0 / RRN 01-2119489287-22, 64742-58-1, 64742-62-7 / RRN 01-2119480472-38, 64742-63-8, 64742-64-9, 64742-65-0 / RRN 01-2119471299-27, 64742-70-7 / RRN 01-2119487080-42, 72623-85-9 / RRN 01-2119555262-43, 72623-86-0 / RRN 01-2119474878-16, 72623-87-1 / RRN 01-2119474889-13, 74869-22-0 / RRN 01-2119495601-36, 90669-74-2 / RRN 01-2119970171-43

Disclaimer

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process

--- end of safety datasheet ---
