



Product Safety Data Sheet

Instrument Lubricant Spray

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name	Instrument Lubricant Spray
Product Code	XIN 296
Supplier	Animalcare Ltd, Common Road, Dunnington, York, YO19 5RU, Telephone No. +44 (0) 1904 487687 Fax No. +44 (0) 1904 487611 E-Mail: animalcare@animalcare.co.uk. Emergency Telephone +44 (0) 1904 487687 (daytime)

2. COMPOSITION / INFORMATION ON COMPONENTS

	CAS No.	FINECS No.
Acetone	67-64-1	
Butane	106-97-8	
Isopropanol – S	67-63-0	
Other ingredients:		
Silicone 100		

3. HAZARDS IDENTIFICATION

Under normal conditions and use it is unlikely to cause any health hazard.

Main hazards: Highly flammable. Harmful by inhalation and if swallowed.

Human health hazards: May cause irritation to eyes. 300-400ml of liquid can be fatal if ingested.

4. FIRST AID MEASURES

Skin contact: Wash skin with plenty of water.

Eye Contact: Rinse thoroughly immediately with plenty of water for at least 5 minutes keeping eyelid open. Further treatment by eye doctor.

Inhalation: Remove from exposure. Keep warm and at rest. If there is any difficulty breathing give oxygen. Obtain medical attention.

Ingestion: Do not induce vomiting. Have patient drink plenty of water in small sips (for dilution).



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5. FIRE FIGHTING MEASURES

- Extinguishing Agents:** Water spray, fog or alcohol resistant foam. Keep containers and surroundings cool with water.
- Unsuitable Agents:** Do not use water jet.
- Protective Equipment:** Wear self-contained breathing apparatus for fire fighting.
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6. ACCIDENTAL RELEASE MEASURES

- Procedures for clean up:** Contain and absorb using earth, sand or inert material.
Try to prevent the material from entering drains or water courses.
- Waste disposal:** Dispose of absorbed material in accordance with Local Authority regulations.
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7. HANDLING AND STORAGE

Use in a well ventilated area. Avoid inhalation of vapour, eye contact and skin contact.
Storage area should be dry, well ventilated and away from sources of heat, ignition and direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- UK Occupational Exposure Standards:**
- Data for product Isopropanol:**
UKEH4O: OES 400ppm (999mg/m³) 8hr TWA
OES 500ppm (1250mg/m³) 15 mins STEL
- Data for Butane:**
UKEH4O: OES 600ppm (1480mg/m³) 8hr TWA
OES 750ppm (1810mg/m³) 15 mins STEL
- Data for Acetone:**
UKEH4O: OES 750ppm 8hr TWA
OES 1500ppm 15 mins STEL
- Hand Protection:** Wear protective gloves where repeated contact may occur.
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9. PHYSICAL AND CHEMICAL PROPERTIES

- | | | | |
|--------------------|-------------------------|--------------------|------------------------|
| Form: | Liquid | Colour: | Colourless |
| Odour: | Acetone | Viscosity: | Not available |
| Solubility: | Partly soluble in water | Density: | 0.793 to 0.803 at 20°C |
| pH Value: | Unobtainable | Flashpoint: | Not available |
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10. STABILITY AND REACTIVITY



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Stability: Stable under normal conditions.

Hazardous decomposition products: Combustion will generate oxides of carbon, and hydrogen chloride. Avoid light effect/sun rays.

Hazardous reactions: Avoid oxidising agents. Sulphuric Acid, Nitric Acid.

11. TOXICOLOGICAL INFORMATION

Toxicological properties:

Oral: Irritation to digestive tracts.

Dermal: Repeated contact may cause irritation, skin sensitisation.

Inhalation: Harmful

Permissible concentrations (Air):

See section 8

12. ECOLOGICAL INFORMATION

Persistence/Degradability:

This product is expected to be readily biodegradable.

Bio-accumulation:

Data for Isopropanol suggests that is unlikely to bio-accumulate.

Ecotoxicity: Data for Isopropanol is given below:

Non-hazardous to living resources 96hr LC50 > 1000mg/L (4). An insignificant toxic hazard to aquatic organisms. No evidence of bio-accumulation or tainting of seafood (4).

Partitioning: Log P octanol/water = 0.1

13. DISPOSAL CONSIDERATIONS

Product Disposal: Dispose of in accordance with the regulations issued by the appropriate local authorities.

Container Disposal: Do not cut, puncture or weld on or near the container. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be disposed of by land fill or incinerated as appropriate. Do not incinerate closed containers.

14. TRANSPORT INFORMATION



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15. REGULATORY INFORMATION

Classification: Harmful, Highly Flammable

Labelling: Flammable

Symbol(s):

R-Phrases: 11 Highly Flammable
20/22 Harmful by inhalation and if swallowed.
36 Irritation to eyes.

S-Phrases: 1/2 Keep locked up and out of reach of children.
7 Keep containers tightly closed.
16 Keep away from sources of ignition – No Smoking.
24 Avoid contact with skin.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

16. OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of their use.
