

Version: 2
Last Updated: 11.12.2000
Product Code: HY0252, HY0103, HY0153, HY0138,
HY0013, HY0036, HY0037
Sheet 1 of 4

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name: RESmax Hydraulic Oil – ISO 5, 10, 15, 22, 32, 46 & 68

Company: Ryona Engineering Supplies LTD
Unit 2, Holbrook park estate, Holbrooks, Coventry, CV64AB
Tel: 02476 665454 Fax: 02476 665453

RES LUBRICANTS

2. COMPOSITION / INFORMATION ON INGREDIENTS

A blend of refined mineral oil and a multipurpose hydraulic oil additive package.

CAS No: N.A.
Risk Phrases: N.A.
Safety Phrases: N.A.

RES LUBRICANTS

3. HAZARD IDENTIFICATION

Not classified as hazardous.

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4. FIRST AID MEASURES

Eyes: Irrigate with plenty of cold water
Skin: Wash off with copious amounts of soapy water.
Ingestion: If more than a few drops swallowed give patient water to drink. Do not induce vomiting and seek medical advice.

RES LUBRICANTS

5. FIRE FIGHTING MEASURES

Fire Fighting Measures: Not considered flammable and does not constitute a fire hazard.
Extinguishing Media: Carbon dioxide, dry powder, sand or foam.
Protective Equipment For Fire Fighters: Standard.

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6. ACCIDENTAL RELEASE MEASURES

Always prevent entry into drains or watercourses. If allowed to enter drains or watercourses alert local water authority.
Contain any spillages in absorbent granules, sand or sawdust.
Disposal must be in accordance with the Environmental Protection Act 1990.

7. HANDLING AND STORAGE

Do not store in areas where food and drink are taken. Keep drums tightly closed and if stored outside then store on sides in order to reduce ingress of water.

RESLUBRICANTS

8. EXPOSURE CONTROL / PERSONAL PROTECTION

In accordance with good industrial practice handle using gloves / gauntlets and standard eye protection.

RES LUBRICANTS

9. PHYSICAL AND CHEMICAL PROPERTIES

| | 5 | 10 | 15 | 22 | 32 | 46 | 68 |
|------------------|------------|------------|-------------|------------|-------------|-------------|-------------|
| Physical Form | Liquid | Liquid | Liquid | Liquid | Liquid | Liquid | Liquid |
| Colour | Pale Straw | Pale Straw | Pale Straw | Pale Straw | Pale Straw | Pale Straw | Pale Straw |
| Odour | Bland | Bland | Bland | Bland | Bland | Bland | Bland |
| Boiling Point | > 150°C | > 150°C | > 150°C | > 150°C | > 150°C | > 150°C | > 150°C |
| Viscosity @ 40°C | 4.5 – 5.5 | 9 - 11 | 13.5 – 16.5 | 20 - 24 | 28.8 – 35.2 | 41.4 – 50.6 | 61.2 – 74.8 |
| Flashpoint | > 150°C | > 150°C | > 150°C | > 150°C | > 150°C | > 150°C | > 150°C |
| Autoflammability | > 150°C | > 150°C | > 150°C | > 150°C | > 150°C | > 150°C | > 150°C |
| Density @ 15.6°C | 0.819 | 0.861 | 0.855 | 0.866 | 0.876 | 0.876 | 0.877 |

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10. STABILITY AND REACTIVITY

Thermal Decomposition: Stable under normal conditions of use

Hazardous Reactions: None under normal conditions of use. Avoid strong acids, strong alkalis and oxidizing agents.

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11. TOXICOLOGICAL INFORMATION

Oral: Expected to possess a relatively low degree of acute oral toxicity. LD50 expected to be > 2000 mg/kg.

Dermal: Expected to be relatively non-toxic by dermal route.

Inhalation: N.A.

Skin: Expected to be essentially non-irritating.

Eye: Expected to be essentially non-irritating

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12. ECOLOGICAL INFORMATION

Biodegradation: No Data

Fish Toxicity: No Data

Bacterial Toxicity: No Data

WGK Class: 0 or 1 – Self Classification

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13. DISPOSAL CONSIDERATIONS

All means of disposal should comply with local regulations and the Environmental Protection Act 1990. Dispose of the product and container carefully and responsibly.

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14. TRANSPORT INFORMATION

UN Name: N.A.

UN Number: N.A.

IMDG Code / Class: Non Hazardous

ICAO / IATA (Air) Class: Non Hazardous

RID / ADR: Non Hazardous

ADNR Class: Non Hazardous

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MATERIAL SAFETY DATA SHEET

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15. REGULATORY INFORMATION

Risk Phrases: None
Safety Phrases: None
Occupational Exposure Limits: None

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16. OTHER INFORMATION

Legislation: Chemical (Hazards, Information and Packaging) Regulations 1993
Environmental Protection Act 1990, Control Of Pollution Act 1974
The Environmental Protection (Duty Of Care) Regulations 1991