

SAFETY DATA SHEET RM2000MMF

Advanced Food Grade Grease

1. Identification of the substance/preparation and of the company/undertaking.

1.1 Product Identifier

RM2000MMF Advanced Food Grade Grease

Relevant identified uses of the substance or mixture and uses advised against.
Industrial Lubricant for use in the food industry on chains, guides, slides and bearings.
Uses advised against this product is not recommended for any industrial, professional or consumer use other than the Identified uses above

1.2 Details of the supplier of the safety data sheet:

Manufacturer/Supplier: Specialist Lubricants Ltd
Unit 14 B2 Brewster Square
Brucefield Industry Park
Livingston
EH54 9BJ
UK
TEL: +44 (0)1506420083
FAX :+44 (0)1506 420083
Email: General@rm2000t.com

Emergency Telephone Number

TEL: +44 (0) 1506 420083

Monday to Friday from 09.00 to 17.00 GMT/BST

2. Hazards Identification.

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.
Human health Not classified.
Environment Not classified.

Classification (67/548/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

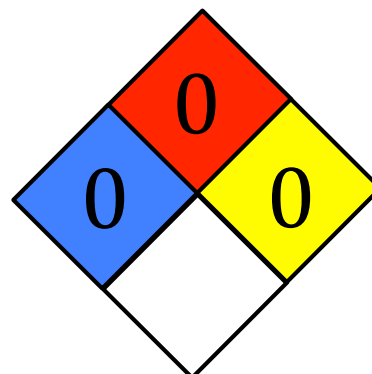
Prolonged skin contact may cause temporary irritation.
Vapours may cause drowsiness or dizziness

Environment

The product is not expected to be hazardous to the environment.

Physical and Chemical Hazards

Vapours are heavier than air and may travel along the floor and in the bottom of the containers



SAFETY DATA SHEET RM2000MMF

Advanced Food Grade Grease

3. Composition / Information on Ingredients.

Description:

Blend of synthetic fluids and PTFE

Hazardous ingredients: None

4. First Aid Measures

4.1 Description of first aid measures

Inhalation

Unlikely due to low volatility of product. If inhaled move to fresh air and seek medical advise.

Ingestion

Rinse mouth thoroughly.

Obtain medical advice if large amounts are swallowed - do not induce vomiting

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water.

Get medical attention if any discomfort continues.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids.

Continue to rinse for at least 15 minutes.

Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation.

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin contact

No specific symptoms noted.

Eye contact

May cause temporary eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SAFETY DATA SHEET RM2000MMF

Advanced Food Grade Grease

5. Fighting Measures.

5.1 Extinguishing media

This product is not flammable.
Extinguish with foam, carbon dioxide, dry powder or water fog.
This material is combustible.

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

Specific hazards

In case of fire, toxic gases may be formed.

5.3 Advice for firefighters

Special Fire Fighting Procedures

Use water to keep fire exposed containers cool and disperse vapours.
Protective equipment for fire-fighters
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental Release Measures.

6.1 Personal precautions

May cause slippery conditions underfoot.

6.2 Environmental precautions

Do not allow to enter drains or watercourse

6.3 Spillage

Apply suitable absorption media, scrape up in bulk then wipe remainder with cloth.

7. Handling & Storage.



7.1 Handling

Wear suitable gloves, do not smoke. Care should be taken with dispensing equipment not to inject product under skin.

7.2 Storage

Do not store at elevated temperatures.

SAFETY DATA SHEET RM2000MMF

Advanced Food Grade Grease

8. Exposure Control / Personal Protection.

8.1 Control parameters

Name: RM2000MMF Advanced Food Grade Grease
STD TWA - 8 Hrs STEL - 15 Min

Notes:

OES 5 mg/m³ (Oil mist) OES 10 mg/m³ (Oil mist)

8.2 Exposure controls – N/A

8.3 Protective equipment

Process conditions

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash, quick drench.

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Explosion-proof general and local exhaust ventilation.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Check that mask fits tight and change filter regularly.

Hand protection

Protective gloves must be used if there is a risk of direct contact or splash. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Manufactured/tested in accordance with EN 374.

Eye protection

Wear splash-proof eye goggles to prevent any possibility of eye contact. If risk of splashing, wear safety goggles or face shield. Manufactured/Tested in accordance with EN 166.

Other Protection

Use barrier creams to prevent skin contact. Provide eyewash station and safety shower. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated.

Eating, smoking and water fountains prohibited in immediate work area.

SAFETY DATA SHEET RM2000MMF

Advanced Food Grade Grease

9. Physical and Chemical Properties

| | |
|-----------------------------|---------------------------------------|
| Physical state: | Smooth Grease |
| Colour: | White |
| Odour: | Slight |
| Pour point: | Not determined |
| Flash point: | In excess of 200°C |
| Auto Ignition Temp: | In excess of 300°C |
| Flammability: | Not flammable at ambient temperatures |
| Solubility in water: | Insoluble. |

10. Stability and Reactivity

Stability

Stable under normal conditions.

Conditions to avoid

Powerful sources of ignition and extremes of temperature.

Materials to avoid

Strong oxidising agents

Hazardous decomposition products

Oxides of carbon, possible smoke and soot.

Possible traces of fluorinated compounds, that if inhaled may cause flu-like symptoms – known as polymer fume fever.

Possible traces of oxides of nitrogen.

11. Toxicological Information

Acute Toxicity

Not considered toxic under normal handling.
(Acute LD50 – Rat Oral > 5000mg/Kg)

Chronic Toxicity:

Not Applicable

Genotoxicity:

Not Applicable

Irritancy Skin:

Possible on very mild skin types.

Long-term exposure may cause dermatitis and de-fatting of the skin

SAFETY DATA SHEET RM2000MMF

Advanced Food Grade Grease

12. Ecological Information

Possible effects:

Possible marine pollutant (slight) if released in large quantities.

Environmental consequences:

Unlikely to cause notable contamination.

Insoluble in water, poorly absorbed into soils.

13. Disposal Considerations

Product disposal:

Incineration or landfill, dispose of in accordance with local regulations.

14. Transport Information

For road, rail and air:

Not classified (no special precautions or labelling necessary)

DOT Proper shipping name:

Not regulated

ADR/RID class:

Not regulated

IMDG/IMO Shipping description:

Not regulated

ICAO / IATA Shipping description:

Not regulated

No UN Number, No Packing Group.

15. Regulatory Information

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

UK Regulatory References

Chemicals (Hazard Information & Packaging) Regulations

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Regulation (EC) No 1272/2008

No 1907/2006 with amendments.

Chemical Safety Assessment

A chemical safety assessment has been carried out.

Water hazard classification

WGK 1

SAFETY DATA SHEET RM2000MMF

Advanced Food Grade Grease

16. Other Information.

General Information

Only trained personnel should use this material

Revision Comments

This MSDS has been produced on new software and may appear different in presentation and style. Please check all sections carefully.

Issued By: Compliance Department

Revision Date: 08.12.16

Revision: 1

Supersedes date: N/A

Safety Data Sheet Status: **Approved.**

Date: 23.01.17

Risk Phrases In Full

None required

Hazard Statements In Full

None required

Disclaimer

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for his own particular use.