

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : HydraGard Refrigeration Compressor Oil ISO 32

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Lubricating Oil

1.3. Supplier

Martin Lubricants
484 East 6th St.
Smackover, AR 71762

1.4. Emergency telephone number

Emergency number : CHEMTREC (800) 424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (inhalation:dust,mist) Category 4 H332 Harmful if inhaled.
Full text of H-statements: see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning
Hazard statements (GHS US) : H332 - Harmful if inhaled.
Precautionary statements (GHS US) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 - Use only outdoors or in a well-ventilated area.
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.
P312 - Call a poison center or doctor if you feel unwell.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

HydraGard Refrigeration Compressor Oil ISO 32

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

3.2. Mixtures

| Name | Product identifier | % |
|---|---------------------|--------|
| Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based | CAS-No.: 72623-87-1 | ≥ 70 |
| Distillates, hydrotreated heavy paraffinic | CAS-No.: 64742-54-7 | 0 – 10 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|---|
| First-aid measures general | : Call a poison center or a doctor if you feel unwell. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell. |
| First-aid measures after skin contact | : Wash skin with plenty of water. |
| First-aid measures after eye contact | : Rinse eyes with water as a precaution. |
| First-aid measures after ingestion | : Call a poison center or a doctor if you feel unwell. |

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. Avoid breathing dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

HydraGard Refrigeration Compressor Oil ISO 32

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

HydraGard Refrigeration Compressor Oil ISO 32

No additional information available

Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based (72623-87-1)

No additional information available

Distillates, hydrotreated heavy paraffinic (64742-54-7)

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

HydraGard Refrigeration Compressor Oil ISO 32

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | : Liquid |
| Colour | : Amber, clear fluid |
| Odour | : Mild petroleum hydrocarbon odor |
| Odour threshold | : No data available |
| pH | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : 260 °C |
| Flash point | : 170 °C |
| Relative evaporation rate (butylacetate=1) | : Negligible at STP |
| Flammability (solid, gas) | : Flash Point at or above 200 °F Not applicable. |
| Vapour pressure | : Negligible at STP |
| Relative vapour density at 20 °C | : > 1 at STP |
| Relative density | : 0.912 |
| Density | : 7.614 lb/gal |
| Solubility | : Material nearly insoluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : 33.38 mm ² /s @ 40 C |
| Viscosity, dynamic | : No data available |
| Explosive limits | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

HydraGard Refrigeration Compressor Oil ISO 32

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

10.5. Incompatible materials

No additional information available

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Harmful if inhaled.

HydraGard Refrigeration Compressor Oil ISO 32

| | |
|--------------------|---------------|
| ATE US (dust,mist) | 2.305 mg/l/4h |
|--------------------|---------------|

Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based (72623-87-1)

| | |
|-----------------------------------|---|
| LD50 oral rat | > 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method) |
| LD50 dermal rabbit | > 2000 mg/kg Source: IUCLID |
| LC50 Inhalation - Rat (Dust/Mist) | 2.18 mg/l Source: IUCLID |
| ATE US (dust,mist) | 2.18 mg/l/4h |

Distillates, hydrotreated heavy paraffinic (64742-54-7)

| | |
|--------------------|------------------------------|
| LD50 oral rat | > 15000 mg/kg Source: IUCLID |
| LD50 dermal rabbit | > 5000 mg/kg Source: IUCLID |

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified.
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified

Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based (72623-87-1)

| | |
|----------------------------|---|
| LOAEL (oral, rat, 90 days) | 125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
|----------------------------|---|

Aspiration hazard : Not classified
Viscosity, kinematic : 33.38 mm²/s @ 40 C

Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based (72623-87-1)

| | |
|----------------------|---|
| Viscosity, kinematic | 1.99 – 847 mm ² /s Temp.: '40°C' Parameter: 'mm ² /s' |
|----------------------|---|

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

HydraGard Refrigeration Compressor Oil ISO 32

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based (72623-87-1) | |
|--|----------------------------|
| LC50 - Fish [1] | > 5000 mg/l Source: IUCLID |
| EC50 - Crustacea [1] | > 1000 mg/l Source: IUCLID |
| Distillates, hydrotreated heavy paraffinic (64742-54-7) | |
| LC50 - Fish [1] | > 5000 mg/l |
| EC50 - Crustacea [1] | > 1000 mg/l Source: IUCLID |
| EC50 96h - Algae [1] | > 1000 mg/l Source: IUCLID |

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

| Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based (72623-87-1) | |
|--|------------------------|
| Partition coefficient n-octanol/water (Log Pow) | 3.9 – 6 Source: IUCLID |
| Distillates, hydrotreated heavy paraffinic (64742-54-7) | |
| Partition coefficient n-octanol/water (Log Pow) | 3.9 – 6 Source: IUCLID |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT | TDG | IMDG | IATA |
|----------------------------------|----------------|----------------|----------------|
| 14.1. UN number | | | |
| Not regulated for transport | | | |
| 14.2. Proper Shipping Name | | | |
| Not applicable | Not applicable | Not applicable | Not applicable |
| Transport document description | | | |
| Not applicable | Not applicable | Not applicable | Not applicable |
| 14.3. Transport hazard class(es) | | | |
| Not applicable | Not applicable | Not applicable | Not applicable |
| 14.4. Packing group | | | |
| Not applicable | Not applicable | Not applicable | Not applicable |

HydraGard Refrigeration Compressor Oil ISO 32

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| DOT | TDG | IMDG | IATA |
|--|----------------|----------------|----------------|
| 14.5. Environmental hazards | | | |
| Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available | | | |

14.6. Special precautions for user

DOT

No data available

TDG

No data available

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

| Name | CAS-No. | Listing | Commercial status | Flags |
|---|------------|---------|-------------------|-------|
| Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based | 72623-87-1 | Present | Active | |
| Distillates, hydrotreated heavy paraffinic | 64742-54-7 | Present | Active | |

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based (72623-87-1)

Listed on the Canadian DSL (Domestic Substances List)

Distillates, hydrotreated heavy paraffinic (64742-54-7)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

HydraGard Refrigeration Compressor Oil ISO 32

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

National regulations

Distillates, hydrotreated heavy paraffinic (64742-54-7)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 10/27/2022

Full text of H-statements

| | |
|------|---------------------|
| H332 | Harmful if inhaled. |
|------|---------------------|

Safety Data Sheet (SDS), USA

Information provided in this Safety Data Sheet is considered accurate and reliable based on information issued from internal and outside sources to the best of Martin Operating Partnership L.P.'s knowledge; however, Martin Operating Partnership L.P. makes no representations, guarantees or warranties, expressed or implied, of merchantability or fitness for the particular purpose, regarding the accuracy of such information or the result to be obtained from the use thereof or as to the sufficiency of information herein presented. Martin Operating Partnership L.P. assumes no responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.

This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used, Martin Operating Partnership L.P., must rely upon information provided by the material manufacturers or distributors.