

SDS no. 10365
Version 8
Revision date 16/Dec/2015
Supersedes date 13/May/2015



Safety Data Sheet TACKLE[†]

1. Identification

1.1 Product identifier

Product name TACKLE[†]
Product code 10365

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

Recommended Use Drilling fluid additive. Deflocculant.
Uses advised against Consumer use

1.3 Details of the supplier of the safety data sheet

Supplier
M-I L.L.C.

P.O.Box 42842
Houston, TX 77242
www.miswaco.slb.com
Telephone: 1 281-561-1511

M-I SWACO, A Schlumberger Company
200 - 125, 9th Avenue SE
Calgary, Alberta T2G 0P6, Canada
Telephone: 1-780-962-8221

Prepared by
Global Regulatory Compliance - Chemicals (GRC - Chemicals)

1.4 Emergency Telephone Number

Emergency telephone (24 Hour) Australia +61 2801 44558, Asia Pacific +65 3158 1074, China +86 10 5100 3039, Europe +44 (0) 1235 239 670, Middle East and Africa +44 (0) 1235 239 671, New Zealand +64 9929 1483, USA 001 281 561 1600

2. Hazards identification

2.1 Classification of the substance or mixture

GHS - Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Health hazards Not classified

Environmental hazards Not classified

Physical Hazards Not classified

2.2 Label elements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Signal word

None

Hazard statements

This product is not classified as hazardous therefore no (H) hazard statements assigned.

Precautionary statements

This product is not classified as hazardous therefore has no (P) precautionary statements assigned.

Unknown acute toxicity Not Applicable.

3. Composition/information on Ingredients

3.1 Substances

Not Applicable

3.2 Mixtures

No classified ingredients, or those having occupational exposure limits, present above the level of disclosure.

Comments

No classified ingredients, or those having occupational exposure limits, present above the level of disclosure.

4. First aid measures

4.1 First-Aid Measures

| | |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation | If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult. |
| Ingestion | Rinse mouth. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur. |
| Skin contact | Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention immediately if symptoms occur. |
| Eye contact | Remove contact lenses. Promptly wash eyes with lots of water while lifting 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

General advice The severity of the symptoms described will vary dependant of the concentration and the length of exposure. If adverse symptoms develop, the casualty should be transferred to hospital as soon as possible.

Main symptoms

Inhalation Please see Section 11. Toxicological Information for further information.

Ingestion Please see Section 11. Toxicological Information for further information.

Skin contact Please see Section 11. Toxicological Information for further information.

Eye contact Please see Section 11. Toxicological Information for further information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing media appropriate for surrounding material.

Extinguishing media which shall not be used for safety reasons

None known.

5.2 Special hazards arising from the substance or mixture

Unusual fire and explosion hazards

None known.

Hazardous combustion products

Carbon oxides (COx).

5.3 Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

Special Fire-Fighting Procedures

Containers close to fire should be removed immediately or cooled with water.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Evacuate and ventilate the area. Use personal protective equipment identified in Section 8. Prevent further leakage or spillage if safe to do so.

6.2 Environmental precautions

The product should not be allowed to enter drains, water courses or the soil.

Environmental exposure controls

Avoid release to the environment.

6.3 Methods and materials for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

Methods for cleaning up

Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. After cleaning, flush away traces with water.

6.4 Reference to other sections

See section 13 for more information.

7. Handling and storage

7.1 Precautions for safe handling

Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Do not breathe vapors or spray mist. Avoid spills and splashing during use.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/precautions Ensure adequate ventilation. Keep airborne concentrations below exposure limits.

Storage precautions Keep containers tightly closed in a dry, cool and well-ventilated place. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

8. Exposure controls/personal protection

8.1 Control parameters

Exposure limits The product does not contain any hazardous materials with occupational exposure limits established.

8.2 Exposure controls

All chemical Personal Protective Equipment (PPE) should be selected based on an assessment of both the chemical hazard present and the risk of exposure to those hazards. The PPE recommendations below are based on an assessment of the chemical hazards associated with this product. Where this product is used in a mixture with other products or fluids, additional hazards may be created and as such further assessment of risk may be required. The risk of exposure and need of respiratory protection will vary from workplace to workplace and should be assessed by the user in each situation.

Engineering measures to reduce exposure

Ensure adequate ventilation.

Personal protective equipment

Eye protection Tightly fitting safety goggles.

Hand protection Wear chemical resistant gloves such as nitrile or neoprene.

Respiratory protection No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment.

Skin and body protection Wear suitable protective clothing. Provide eyewash station.

Hygiene measures Wash hands before eating, drinking or smoking. Remove and wash contaminated clothing before re-use.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Liquid
Appearance Transparent
Color Amber
Odor Mild
Odor threshold Not applicable

| Property | Values | Remarks |
|----------|--------|---------|
| pH | 6 - 8 | |

| | | |
|-------------------------------------|--------------------------|------|
| pH @ dilution | No information available | |
| Melting/freezing point | No information available | |
| Boiling point/range | No information available | |
| Flash point | > 100 °C / > 212 °F | PMCC |
| Evaporation rate (BuAc =1) | No information available | |
| Flammability (solid, gas) | Not Applicable | |
| Flammability Limits in Air | | |
| Upper flammability limit | No information available | |
| Lower flammability limit | No information available | |
| Vapor pressure | No information available | |
| Vapor density | No information available | |
| Specific gravity | 1.06 - 1.46 | |
| Bulk density | No information available | |
| Water solubility | slightly soluble | |
| Solubility in other solvents | No information available | |
| Autoignition temperature | No information available | |
| Decomposition temperature | No information available | |
| Kinematic viscosity | 150 - 500 Cp @ 25°C | |
| Dynamic viscosity | No information available | |
| Log Pow | No information available | |
| Explosive properties | No information available | |
| Oxidizing properties | No information available | |
| 9.2 Other information | | |
| Pour point | No information available | |
| Molecular weight | No information available | |
| VOC content(%) | No information available | |
| Density | No information available | |

10. Stability and reactivity

10.1 Reactivity

No specific reactivity hazards associated with this product.

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of Hazardous Reactions

Hazardous polymerization

Hazardous polymerization does not occur.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon oxides (COx).

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

| | |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------|
| Inhalation | Inhalation of vapors in high concentration may cause irritation of respiratory system. |
| Eye contact | May cause slight irritation. |
| Skin contact | Prolonged contact may cause redness and irritation. |
| Ingestion | Ingestion may cause stomach discomfort. |
| Sensitization | This product does not contain any components suspected to be sensitizing. |
| Mutagenic effects | No evidence of mutagenic properties. |
| Carcinogenicity | No evidence of carcinogenic properties. |
| Reproductive toxicity | No evidence of toxicity to reproduction. |
| Developmental toxicity | Not known to cause birth defects or have a deleterious effect on a developing fetus. |
| Routes of exposure | Eye contact. Skin contact. Inhalation. |
| Routes of entry | No route of entry noted. |
| Specific target organ toxicity (single exposure) | Not classified |
| Specific target organ toxicity (repeated exposure) | Not classified. |
| Aspiration hazard | Not Applicable. |

12. Ecological information

12.1 Toxicity

Toxicity to algae

See component information below.

Toxicity to fish

See component information below.

Toxicity to daphnia and other aquatic invertebrates

See component information below.

12.2 Persistence and degradability

No product level data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT)
This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB)

12.6 Other adverse effects.

None known.

13. Disposal considerations

13.1 Waste treatment methods

Disposal Method Disposal should be made in accordance with federal, state and local regulations.

Contaminated packaging Empty containers should be taken for local recycling, recovery or waste disposal.

14. Transport information

14.1 UN Number

| | |
|------------------------------------|---------------|
| UN No. (DOT) | Not regulated |
| UN/ID No. (ADR/RID/ADN/ADG) | Not regulated |
| UN No. (IMDG) | Not regulated |
| UN No. (ICAO) | Not regulated |

14.2 Proper shipping name

The product is not covered by international regulation on the transport of dangerous goods

14.3 Hazard class(es)

| | |
|-------------------------------------|---------------|
| DOT Hazard class | Not regulated |
| ADR/RID/ADN/ADG Hazard class | Not regulated |
| IMDG Hazard class | Not regulated |
| ICAO Hazard class/division | Not regulated |

14.4 Packing group

| | |
|--------------------------------------|---------------|
| DOT Packing group | Not regulated |
| ADR/RID/ADN/ADG Packing group | Not regulated |
| IMDG Packing group | Not regulated |
| ICAO Packing group | Not regulated |

14.5 Environmental hazard

| | |
|------------------|----|
| Marine pollutant | No |
|------------------|----|

14.6 Special precautions

Not Applicable

15. Regulatory information

International inventories

USA (TSCA)

U.S. TSCA - Components are listed or exempt from listing.

Canada (DSL)
European Union (EINECS and ELINCS)
Philippines (PICCS)
Japan (ENCS)
China (IECSC)
Australia (AICS)
Korean (KECL)
New Zealand (NZIoC)

Canada DSL - Components are listed or exempt from listing.
Does not Comply
Does not Comply
Does not Comply
China Inventory - Components are listed or exempt from listing.
Australia AICS - Components are listed or exempt from listing.
Does not Comply
Does not Comply

U.S. Federal and State Regulations

SARA 311/312 Hazard Categories

Not a SARA 311/312 hazard.

State Comments

Proposition 65: This product is not known to contain chemicals considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 as causing cancer and/or reproductive toxicity at levels that are expected to pose a significant risk under anticipated use conditions.

16. Other information

Supersedes date 13/May/2015
Revision date 16/Dec/2015
Version 8
The following sections have been revised: Section 16: Other information.

HMIS classification

| | |
|-----------------|---|
| Health | 0 |
| Flammability | 0 |
| Physical hazard | 0 |
| PPE | B |

Disclaimer

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