



SAFETY DATA SHEET

GRUNDO-OIL®

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Substance key: 000000198354

Revision Date: 04/22/2015

Version : 2 - 0 /USA

Date of printing :08/28/2015

SECTION 1. IDENTIFICATION

| | |
|--|---|
| Identification of the Company: | TT Technologies, Inc. 2020 E. New York St. Aurora, IL 60502 Phone: 1 (630) 851-8200 |
| Information of the Substance/preparation: | BU ICS Product Stewardship 1 (704) 331-7710 Emergency Number: 1 (800) 424-9300 (CHEMTREC) |

Trade name: GRUNDO-OIL®
Material number: 206115
Synonyms: Product has no synonyms
Primary product use: Specialty Chemical

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification
Not a hazardous substance or mixture.
GHS Label element
Not a hazardous substance or mixture.
Other hazards
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components
This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), None under Title III of SARA

SECTION 4. FIRST AID MEASURES

If inhaled : Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.

In case of skin contact : Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

In case of eye contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

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- If swallowed : Get medical attention immediately.
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).
No additional symptoms are known.
- Notes to physician : None known.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray jet
Foam
Dry powder
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : High volume water jet
- Special protective equipment for firefighters : Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Wearing appropriate personal protective equipment, contain spill, collect onto inert absorbent, and place in a suitable container.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Avoid breathing vapours.
Avoid contact with skin, eyes and clothing.
Keep container closed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters****Personal protective equipment**

- Respiratory protection : If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29CFR1910.134.

Hand protection

- Remarks : Butyl Rubber, PVC Or Neoprene.

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| | |
|--------------------------|--|
| Eye protection | : Safety glasses |
| Skin and body protection | : Wear suitable protective equipment. |
| Protective measures | : In line with Bulletin 38 Of DFG Senate Comm.(1/7/2002) polyethylene glycol (PEG mean mol. wt 200-600) has been assigned a max. work place concen. value of 1000mg/m3 with peak limit Category II(8) |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---|
| Appearance | : Liquid |
| Colour | : blue |
| Odour Threshold | : not determined |
| pH | : 6 - 8.5, Concentration: 100 g/l |
| Freezing point | : not determined |
| Boiling point | : not determined |
| Flash point | : > 100 °C |
| Evaporation rate | : not determined |
| Upper explosion limit | : Not applicable |
| Lower explosion limit | : Not applicable |
| Vapour pressure | : not determined |
| Relative vapour density | : not determined |
| Density | : approx. 1.1 g/cm ³ (20 °C) |
| Solubility(ies) | |
| Water solubility | : soluble |
| Partition coefficient: n-octanol/water | : not determined |
| Auto-ignition temperature | : not determined |
| Decomposition temperature | : no data available |
| Viscosity | |
| Viscosity, dynamic | : not determined |
| Viscosity, kinematic | : not determined |

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SECTION 10. STABILITY AND REACTIVITY

| | |
|------------------------------------|---|
| Reactivity | : No dangerous reaction known under conditions of normal use. |
| Chemical stability | : Stable |
| Possibility of hazardous reactions | : No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | : None known. |
| Hazardous decomposition products | : No decomposition if stored and applied as directed. |

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

None known.

Acute toxicity**Product:**

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg

Skin corrosion/irritation**Product:**

Result: No skin irritation

Remarks: By analogy with a product of similar composition

Serious eye damage/eye irritation**Product:**

Result: No eye irritation

Remarks: By analogy with a product of similar composition

Carcinogenicity

IARC Not listed

OSHA Not listed

NTP Not listed

Experience with human exposure**Product:**

General Information : The possible symptoms known are those derived from the labelling (see section2).

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SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): > 10,000 mg/l
Exposure time: 48 h
Method: DIN 38412 T.15

Toxicity to bacteria : EC50: > 1,000 mg/l
Method: OECD Test Guideline 209

Persistence and degradability**Product:**

Biodegradability : Result: Readily biodegradable
Biodegradation: > 90 %
Exposure time: 10 d
Method: OECD Test Guideline 302B

Bioaccumulative potential

no data available

Mobility in soil

no data available

Other adverse effects**Product:**

Additional ecological information : Read-across (Analogy)

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

RCRA - Resource Conservation and Recovery
Authorization Act : No -- Not as sold.

Waste from residues : Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

SECTION 14. TRANSPORT INFORMATION

DOT not restricted

IATA not restricted

IMDG not restricted

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SECTION 15. REGULATORY INFORMATION**EPCRA - Emergency Planning and Community Right-to-Know Act****SARA 304 Extremely Hazardous Substances Reportable Quantity**

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**SARA 313** : This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.**Clean Water Act**

Contains no known priority pollutants at concentrations greater than 0.1%.

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION**Further information**

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This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.