



PROCOR CHEMICALS, INC.

Safety Data Sheet PRO Spot™

SECTION 1 – IDENTIFICATION

Product Trade NamePRO Spot™
 SynonymsNone
 Chemical FamilyBlend
 ApplicationLubricant spotting fluid
 Generic DescriptionSpotting Fluid (Lubricants & emulsifiers)
 Manufacturer/SupplierProcCor Chemicals
 AddressP.O. Box 81356., Lafayette, LA 70598
 Phone Number866-960-1326
 Emergency Number1-800-424-9300 (Chemtrec)
 Revised Date1-1-23

SECTION 2 – HAZARDS IDENTIFICATION

Classification

CATEGORY 1: ASPIRATION HAZARD
 CATEGORY 1A: SKIN SENSITIZATION
 CATEGORY 2A: SERIOUS EYE DAMAGE/EYE IRRITATION
 CATEGORY 4 ACUTE TOXICITY (INHALATION)

| | | |
|---------------------|---|-----------------------|
| Health | 1 | |
| Flammability | 0 | |
| Reactivity | 0 | Ratings based on NPFA |
| PPE | H | |

Signal word (GHS-US): DANGER

Hazard statements (GHS-US):

H304: May be fatal if swallowed and enters airways.
 H332 – Harmful if inhaled.
 H317 – May cause an allergic skin reaction.
 H319 – Causes serious eye irritation.

Precautionary statements (GHS-US):

P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P310 - Immediately call a POISON CENTER or doctor/physician
 P331 - Do NOT induce vomiting
 P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
 P264 - Wash face, hands and any exposed skin thoroughly after handling
 P272 - Contaminated work clothing should not be allowed out of the workplace
 P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
 P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
 P337 + P313 - If eye irritation persists: Get medical advice/attention
 P363 - Wash contaminated clothing before reuse
 P501 - Dispose of contents/ container to an approved waste disposal plant



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SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

| SUBSTANCE | CAS Number | PERCENT | ACGIH TLV-TWA | OSHA PEL-TWA |
|--------------------------------------|-------------|----------|---------------|------------------|
| Trimethylpentanediol monoisobutyrate | 25265-77-54 | 15 – 40% | | None established |

SECTION 4 – FIRST AID MEASURES

| | |
|---------------------------|---|
| Inhalation | If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention. |
| Skin | Wash with soap and water. Get medical attention if irritation persists. Remove contaminated shoes and discard. |
| Eyes | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists. |
| Ingestion | Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration. |
| Notes to Physician | Not Applicable |

SECTION 5 - FIRE FIGHTING MEASURES

| | |
|--|--|
| Flash Point/Range (F): | > 247 |
| Flash Point/Range (C): | 119 |
| Flash Point Method: | PMCC |
| Autoignition Temperature (F): | Not Determined |
| Autoignition Temperature (C): | Not Determined |
| Flammability Limits in Air - Lower (%): | Not Determined |
| Flammability Limits in Air - Upper (%): | Not Determined |
| Fire Extinguishing Media | Water fog, carbon dioxide, foam, dry chemical. |
| Special Exposure Hazards | Decomposition in fire may produce toxic gases. Use water spray to cool fire exposed surfaces. |
| Special Protective Equipment for Fire-Fighters: | Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel. |
| NFPA Ratings: | Health 1, Flammability 1, Reactivity 0 |
| HMS Ratings: | Flammability 1, Reactivity 0, Health 1 |

SECTION 6 – ACCIDENTAL RELEASE MEASURES

| | |
|--|--|
| Personal Precautionary Measures: | Use appropriate protective equipment. |
| Environmental Precautionary Measures: | Prevent from entering sewers, waterways, or low areas. |
| Procedure for Cleaning / Absorption: | Isolate spill and stop leak where safe. Contain spill with sand or other inert materials. Scoop up and remove. |

SECTION 7 – HANDLING AND STORAGE

| | |
|------------------------------|--|
| Handling Precautions: | Avoid contact with eyes, skin, or clothing. Avoid breathing vapors. Wash hands after use. Launder contaminated clothing before reuse. |
| Storage Information: | Store away from oxidizers. Keep container closed when not in use. |

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SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering Controls:



A well ventilated area to control dust levels. Local exhaust ventilation should be used in areas without good cross ventilation.

Respiratory Protection:



Organic vapor respirator with a dust/mist filter.

In high concentrations, supplied air respirator or a self-contained breathing apparatus.

Hand Protection:



Impervious rubber gloves.

Skin Protection:

Rubber apron.

Eye Protection:

Chemical goggles; also wear a face shield if splashing hazard exists.

Other Precautions:

Eyewash fountains and safety showers must be easily accessible.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|-------------------|
| Physical State: | Liquid |
| Color: | black |
| Odor: | Mild hydrocarbon |
| pH: | Not Determined |
| Specific Gravity @ 20 C (Water=1): | 1.02 |
| Density @ 20 C (lbs./gallon): | 8.49 |
| Bulk Density @ 20 C (lbs/ft3): | Not applicable |
| Boiling Point/Range (F): | 247 |
| Boiling Point/Range (C): | 119 |
| Freezing Point/Range (F): | Not Determined |
| Freezing Point/Range (C): | Not Determined |
| Vapor Pressure @ 20 C (mmHg): | Not Determined |
| Vapor Density (Air=1): | Not Determined |
| Percent Volatiles: | Not Determined |
| Evaporation Rate (Butyl Acetate=1): | < 0.1 |
| Solubility in Water (g/100ml): | Partially soluble |
| Solubility in Solvents (g/100ml): | Not Determined |
| VOCs (lbs./gallon): | Not Determined |
| Viscosity, Dynamic @ 20 C (centipoise): | Not Determined |
| Viscosity, Kinematic @ 20 C (centistokes): | Not Determined |
| Partition Coefficient/n-Octanol/Water: | Not Determined |
| Molecular Weight (g/mole): | Not Determined |

SECTION 10 – STABILITY AND REACTIVITY

| | |
|--|--|
| Stability Data: | Stable |
| Hazardous Polymerization: | Will Not Occur |
| Conditions to Avoid | Keep away from heat, sparks and flame. |
| Incompatibility (Materials to Avoid): | Strong oxidizers. |
| Hazardous Decomposition Products: | Oxides of nitrogen carbon. |
| Additional Guidelines: | Not Applicable |

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SECTION 11- TOXICOLOGICAL INFORMATION

Principle Route of Exposure: Eye or skin contact, inhalation.
Inhalation: Breathing small amounts should not be a problem but avoid vapor inhalation as much as possible. May cause respiratory irritation.
Skin Contact: May cause skin irritation.
Eye Contact: May cause severe eye irritation.
Ingestion: Aspiration into the lungs may cause chemical pneumonitis including coughing, difficulty breathing, wheezing, and coughing.
Aggravated Medical Conditions: No data established...
Chronic Effects/Carcinogenicity: No data available to indicate product or components present at greater than 1% are chronic health hazards to humans. Exposure of co-active component Trimethylpentanediolmonoisobutyrate has been shown to cause kidney damage in male rats, through a mechanism specific to that animal, and the effects are not expected to occur in humans.
Other Information None known.
Toxicity Tests
Oral Toxicity: Not determined
Dermal Toxicity: Not determined
Inhalation Toxicity: Not determined
Primary Irritation Effect: Not determined
Carcinogenicity: Not determined
Genotoxicity: Not determined
Reproductive / Developmental Toxicity: Not determined

SECTION 12 - ECOLOGICAL INFORMATION

| LAB # | SAMPLE DESCRIPTION | 96-HOUR AMERICAMYSIS BAHIA DEFINITIVE LC50 TEST RESULT |
|-----------|---|--|
| M-1174-20 | PRO Spot @ 10% in Olefin Based Synthetic Drilling Fluid | >1,000,000 ppm PASS |
| M-1176-20 | PRO Spot @ 20% in Olefin Based Synthetic Drilling Fluid | >1,000,000 ppm PASS |
| M-1179-20 | Olefin Based Synthetic Drilling Fluid | >1,000,000 ppm PASS |

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SECTION 13 - DISPOSAL CONSIDERATIONS

| | |
|--|---|
| Disposal Method | Disposal should be made in accordance with federal, state, and local regulations. |
| Contaminated Packaging | Follow all applicable national or local regulations |
| Toxicological info, Other information | Toxicity Test, LC 50 = 49,000ppm |

SECTION 14 - TRANSPORT INFORMATION

| | |
|--|----------------|
| Land Transportation | |
| DOT: | Not restricted |
| Canadian TDG: | Not restricted |
| ADR: | Not restricted |
| Air Transportation | |
| ICAO/IATA: | Not restricted |
| Sea Transportation | |
| IMDG: | Not restricted |
| Other Shipping Information: Labels: | None |

SECTION 15 - REGULATORY INFORMATION

| | |
|---|--|
| US Regulations | |
| US TSCA Inventory | All components listed on inventory. |
| EPA SARA Title III | |
| Extremely Hazardous Substances: | Not applicable |
| EPA SARA (311,312) Hazard Class: | Not applicable |
| EPA SARA (313) Chemicals | This product does not contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Section 313 (40 CFR 372). |
| EPA CERCLA/Superfund Reportable Spill Quantity For This Product: | Not applicable. |
| EPA RCRA Hazardous Waste Classification: | If product becomes a waste, it does not meet the criteria of a hazardous waste as defined by the US EPA. |
| California Proposition 65 | All components listed do not apply to the California Proposition 65 Regulation. |
| MA Right-to-Know Law | Does not apply. |
| NJ Right-to-Know Law | Does not apply. |
| PA Right-to-Know Law | Does not apply. |
| Canadian Regulations | |
| Canadian DSL Inventory | All components listed on inventory. |

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SECTION 16 - OTHER INFORMATION

Additional Information

For additional information on the use of this product, contact PROCOR Chemicals at 866-960-1326.

Abbreviations

N/A: Denotes no applicable information found or available
CAS#: Chemical Abstracts Service Number
ACGIH: American Conference of Governmental Industrial Hygienists
OSHA: Occupational Safety and Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
STEL: Short Term Exposure Limit
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer

MSDS Date: 02/01/20

Disclaimer: All information and recommendations concerning product is based on tests and data believed to be reliable; however it is the user's responsibility to determine the safety, toxicity and suitability for the user's own use of the product described herein. Since the actual use by others is beyond our control, no guarantee expressed or implied is made by Grinding & Sizing Company. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular conditions exist or because of applicable laws or government regulations.

END OF MSDS
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