

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Name of the substance HyPrene P150BS
Identification number 649-471-00-X (Index number)
Registration number -
Synonyms None.
Issue date 09-January-2019
Version number 01

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

Identified uses Tire Oils, Rubber Compounding, Automotive & Industrial Hoses, Dedusting, Plasticizer, Titanium Dioxide Wash, Compressor Wash Oils, Hydraulic Fracturing Oil, Adhesives, Carpet Backing, Feed Stock for White Oil, Refrigeration Oil, Diluents and Carriers, Carbon Black, Banbury Dust Stop, Defoamers, Sealants, Belts & Hoses, Coatings, Leather Tanning, Agriculture Oils.

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

MANUFACTURER: Ergon, Inc.
P.O. Box 1639
Jackson, MS 39215

EU Contact: Ergon International, Inc.
Drève Richelle 161 Building C
B-1410 Waterloo, Belgium

Emergency phone number

US Customer Service: +1-800-222-7122

CHEMTREC: +1-800-424-9300 After Business Hours (North America)
+1-703-527-3887 (International)
See Section 15 for additional CHEMTREC Hotline Numbers

E-mail: sds@ergon.com

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 as amended**

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary Not available.

2.2. Label elements**Label according to Regulation (EC) No. 1272/2008 as amended**

Hazard pictograms None.
Signal word Not applicable.
Hazard statements Not applicable.

Precautionary statements

Prevention Not available.
Response Not applicable.
Storage Not applicable.
Disposal Not applicable.

Supplemental label information None.

2.3. Other hazards None known.

SECTION 3: Composition/information on ingredients**3.1. Substances**

General information

| Chemical name | % | CAS-No. / EC No. | REACH Registration No. | Index No. | Notes |
|--------------------------------------------|---------------|-------------------------|------------------------|--------------|-------|
| Residual oils (petroleum), solvent-dewaxed | <= 100 | 64742-62-7 265-166-0 | 01-2119480472-38 | 649-471-00-X | |
| Classification: | Carc. 1B;H350 | | | | L |

Composition comments Components not listed are below the required disclosure threshold per OSHA 29 CFR 1910.1200.

SECTION 4: First aid measures

General information Contact physician if discomfort continues.

4.1. Description of first aid measures

Inhalation Move to fresh air. Oxygen or artificial respiration if needed. IF exposed or concerned: Get medical advice/attention.

Skin contact Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation or an allergic skin reaction develops, get medical attention.

Eye contact Flush thoroughly with water. If irritation occurs, get medical assistance.

Ingestion Do NOT induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a poison control centre immediately.

4.2. Most important symptoms and effects, both acute and delayed

Defatting of the skin.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing media Halon. Dry chemicals. Foam. Carbon dioxide (CO₂). Water spray or fog. Do not use water jet as an extinguisher, as this will spread the fire.

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

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special protective equipment for firefighters Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Special fire fighting procedures Cool containers exposed to flames with water until well after the fire is out. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Use pressurised air mask if product is involved in a fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewer, basements or confined areas. Avoid discharge to the aquatic environment. Contact local authorities in case of spillage to drain/aquatic environment. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Large Spills: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

6.4. Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands after handling and before eating. Avoid prolonged exposure. All handling to take place in well-ventilated area. Shower after work. Remove and wash contaminated clothing promptly.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

| Material | Type | Value | Form |
|-------------------------------------------------------------|------|---------------------|----------------------|
| HyPrene P150BS | TWA | 5 mg/m ³ | Respirable fraction. |
| Components | Type | Value | Form |
| Residual oils (petroleum), solvent-dewaxed (CAS 64742-62-7) | TWA | 5 mg/m ³ | Respirable fraction. |

Italy. Occupational Exposure Limits

| Material | Type | Value | Form |
|-------------------------------------------------------------|------|---------------------|---------------------|
| HyPrene P150BS | TWA | 5 mg/m ³ | Inhalable fraction. |
| Components | Type | Value | Form |
| Residual oils (petroleum), solvent-dewaxed (CAS 64742-62-7) | TWA | 5 mg/m ³ | Inhalable fraction. |

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment

| Material | Type | Value |
|-------------------------------------------------------------|------|---------------------|
| HyPrene P150BS | TWA | 5 mg/m ³ |
| Components | Type | Value |
| Residual oils (petroleum), solvent-dewaxed (CAS 64742-62-7) | TWA | 5 mg/m ³ |

Ordinance of the Minister of Labour and Social Policy on 6 June 2014 on the maximum permissible concentrations and intensities of harmful health factors in the work environment, Journal of Laws 2014, item 817

| Material | Type | Value | Form |
|-------------------------------------------------------------|------|---------------------|---------------------|
| HyPrene P150BS | TWA | 5 mg/m ³ | Inhalable fraction. |
| Components | Type | Value | Form |
| Residual oils (petroleum), solvent-dewaxed (CAS 64742-62-7) | TWA | 5 mg/m ³ | Inhalable fraction. |

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

| Material | Type | Value | Form |
|----------------|------|---------------------|----------------|
| HyPrene P150BS | STEL | 3 mg/m ³ | Fume and mist. |
| | | 15 ppm | Fume and mist. |

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

| Material | Type | Value | Form |
|-------------------------------------------------------------|------|---------------------|----------------|
| | TWA | 1 mg/m ³ | Fume and mist. |
| | | 5 ppm | Fume and mist. |
| Components | Type | Value | Form |
| Residual oils (petroleum), solvent-dewaxed (CAS 64742-62-7) | STEL | 3 mg/m ³ | Fume and mist. |
| | TWA | 15 ppm | Fume and mist. |
| | | 1 mg/m ³ | Fume and mist. |
| | | 5 ppm | Fume and mist. |

Switzerland. SUVA Grenzwerte am Arbeitsplatz

| Material | Type | Value | Form |
|-------------------------------------------------------------|------|---------------------|---------------------|
| HyPrene P150BS | TWA | 5 mg/m ³ | Inhalable fraction. |
| Components | Type | Value | Form |
| Residual oils (petroleum), solvent-dewaxed (CAS 64742-62-7) | TWA | 5 mg/m ³ | Inhalable fraction. |

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Not available.

Derived no effect levels (DNELs) Not available.

Predicted no effect concentrations (PNECs) Not available.

8.2. Exposure controls

Appropriate engineering controls Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Individual protection measures, such as personal protective equipment

General information Not available.

Eye/face protection Goggles/face shield are recommended.

Skin protection

- Hand protection Chemical resistant gloves are recommended. If contact with forearms is likely wear gauntlet style gloves. When prolonged or frequent repeated contact occurs, Nitrile gloves may be suitable. (Breakthrough time of > 240 minutes.) For incidental contact/splash protection Neoprene, PVC gloves may be suitable.

- Other Chemical/oil resistant clothing is recommended. Launder contaminated clothing before reuse.

Respiratory protection Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Thermal hazards Not available.

Hygiene measures Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Environmental exposure controls Not available.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

| | |
|-------------------------------------|-----------------------------------------|
| Appearance | Clear & bright |
| Physical state | Liquid. |
| Form | Liquid. |
| Colour | Pale to Light Amber |
| Odour | Hydrocarbon-like. |
| Odour threshold | Not available. |
| pH | Not available. |
| Melting point/freezing point | -6,78 °C (19,8 °F) ASTM D5950/ ISO 3016 |

| | |
|-----------------------------------------------------|-----------------------------------------------------------|
| Initial boiling point and boiling range | >= 454,44 °C (>= 850 °F) ASTM D2887/ ISO 3294 |
| Flash point | 303,9 °C (579,0 °F) Cleveland open cup ASTM D92/ ISO 2592 |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Not available. |
| Upper/lower flammability or explosive limits | |
| Flammability limit - lower (%) | Not available. |
| Flammability limit - upper (%) | Not available. |
| Vapour pressure | Not available. |
| Vapour density | Not available. |
| Relative density | 0,89 (15,56 °C (60 °F) ASTM D4052/ ISO 12185) |
| Solubility(ies) | |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not established. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | 463 cSt (40 °C (104 °F) ASTM D445/ ISO 3104) |
| Explosive properties | Not available. |
| Oxidising properties | Not available. |
| 9.2. Other information | No relevant additional information available. |

SECTION 10: Stability and reactivity

| | |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 10.1. Reactivity | Strong oxidising agents. |
| 10.2. Chemical stability | Stable. |
| 10.3. Possibility of hazardous reactions | Hazardous polymerisation does not occur. |
| 10.4. Conditions to avoid | Avoid temperatures exceeding the flash point. |
| 10.5. Incompatible materials | Strong oxidising agents. |
| 10.6. Hazardous decomposition products | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. |

SECTION 11: Toxicological information

| | |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General information | Not available. |
| Information on likely routes of exposure | |
| Inhalation | May be harmful if inhaled. However, this product does not currently meet the criteria for classification. |
| Skin contact | Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. |
| Eye contact | May be irritating to eyes. |
| Ingestion | May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may increase risk of product aspiration. |
| Symptoms | Not available. |
| 11.1. Information on toxicological effects | |
| Acute toxicity | Not classified. |
| Skin corrosion/irritation | Not classified. May cause defatting of the skin, but is neither an irritant nor a sensitizer. |
| Serious eye damage/eye irritation | Not classified. |
| Respiratory sensitisation | Not classified. |
| Skin sensitisation | Not classified. |
| Germ cell mutagenicity | Non-mutagenic based on Modified Ames Assay. |
| Carcinogenicity | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346. |

Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)

Not listed.

| | |
|-----------------------------------------------------------|--------------------------------------------------------|
| Reproductive toxicity | Contains no ingredient listed as toxic to reproduction |
| Specific target organ toxicity - single exposure | Not classified. |
| Specific target organ toxicity - repeated exposure | Not classified. |
| Aspiration hazard | Not classified. |
| Mixture versus substance information | Not available. |
| Other information | Not available. |

SECTION 12: Ecological information

| | |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12.1. Toxicity | Not expected to be harmful to aquatic organisms. |
| 12.2. Persistence and degradability | Not inherently biodegradable. |
| 12.3. Bioaccumulative potential | Bioaccumulation is unlikely to be significant because of the low water solubility of this product. |
| Partition coefficient n-octanol/water (log Kow) | Not established. |
| Bioconcentration factor (BCF) | Not available. |
| 12.4. Mobility in soil | Not available. |
| 12.5. Results of PBT and vPvB assessment | Not a PBT or vPvB substance or mixture. |
| 12.6. Other adverse effects | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Residual waste | Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground. |
| Contaminated packaging | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities. |
| EU waste code | Not applicable. Waste codes should be assigned by the user based on the application for which the product was used. |
| Disposal methods/information | Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. |

SECTION 14: Transport information

ADR

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

ADN

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available.

General information Not regulated as dangerous goods.

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorisations**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**

Not listed.

Restrictions on use**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Residual oils (petroleum), solvent-dewaxed (CAS 64742-62-7)

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Other EU regulations**Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended**

Not listed.

Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

National regulations

Germany: WGK 1

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | Yes |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| Taiwan | Taiwan Chemical Substance Inventory (TCSI) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

SECTION 16: Other information**List of abbreviations**

Not available.

References

Chemical Abstracts Service Registry Handbook
CRC: Handbook of Chemistry and Physics
International Labour Organization
International Maritime Organization Marine Pollutants List
NFPA Hazardous Chemical Data Sheets
NIOSH Pocket Guide
Registry of Toxic Effects of Chemical Substances (RTECS)
US DOT Hazardous Materials Regulations
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
ACGIH
IARC Monographs. Overall Evaluation of Carcinogenicity

Information on evaluation method leading to the classification of mixture

Not available.

Full text of any H-statements not written out in full under Sections 2 to 15

H350 May cause cancer.

Revision information

Product and Company Identification: Product and Company Identification
SECTION 5: Firefighting measures: Unsuitable extinguishing media
SECTION 8: Exposure controls/personal protection: Appropriate engineering controls
SECTION 8: Exposure controls/personal protection: Respiratory protection
Physical & Chemical Properties: Multiple Properties
SECTION 16: Other information: Further information
SECTION 16: Other information: References

Training information

Not available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

Further information

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CHEMTREC Indonesia: 001-803-017-9114
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