



PSL365-NP-845R

SAFETY DATA SHEET

According To: NOM-018-STPS-2015 / NMX-R-019-SCFI-2011

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

| | |
|---------------|----------------|
| Chemical Name | Not applicable |
| Trade name | PSL365-NP-845R |
| CAS No. | Mixture |

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

| | |
|----------------------|-----------------------------|
| Identified use(s) | Synthetic Bearing Lubricant |
| Uses advised against | None. |

Details of the supplier of the safety data sheet

| | |
|---------------------------|--|
| Company Identification | Permawick Company 3110 Permawick Drive Colombus, IN, 47201 |
| Telephone | (812) 376-0703 |
| Fax | (812) 372-1410 |
| E-Mail (competent person) | sales@permawick.com |

Emergency telephone number

| | |
|---------------------|--|
| Emergency Phone No. | Monday - Friday, 8 am – 4:30 p.m. (EST) (812) 376-0703 CHEMTREC 24 hr. (800) 424-9300 |
|---------------------|--|

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Rev. 5

Repr. 2

Label elements

Hazard Symbol



WARNING

Signal Word(s)

Hazard statement(s)

Suspected of damaging fertility or the unborn child.

Precautionary statement(s)

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash hands and exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if eye irritation develops or persists.

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

IF exposed or concerned: Get medical advice/attention. Treat



PSL365-NP-845R

symptomatically.

Store locked up.

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Other hazards

Harmful to aquatic life with long lasting effects. Not classified as PBT or vPvB.

Additional Information

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous ingredient(s) | %W/W | CAS No. | Hazard statement(s) |
|------------------------------|-------|-----------|---------------------|
| tris(methylphenyl) phosphate | 1 – 2 | 1330-78-5 | Repr. 2; H361 |

- For full text of H/P Statements see section 16.

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.: None

SECTION 4: FIRST AID MEASURES



Description of first aid measures

| | |
|--------------|--|
| Inhalation | Not normally required. Treat symptomatically. |
| Skin Contact | Wash affected skin with soap and water. If irritation (redness, rash, blistering) develops, get medical attention. |
| Eye Contact | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if eye irritation develops or persists. |
| Ingestion | Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. |

Most important symptoms and effects, both acute and delayed None

Indication of the immediate medical attention and special treatment needed None

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media

| | |
|---------------------------------|---|
| -Suitable Extinguishing Media | Extinguish with waterspray, dry chemical, sand or carbon dioxide. |
| -Unsuitable Extinguishing Media | None anticipated. |

Special hazards arising from the substance or mixture This product may give rise to hazardous fumes in a fire.

Advice for fire-fighters A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.



PSL365-NP-845R

SECTION 6: ACCIDENTAL RELEASE MEASURES

| | |
|--|--|
| Personal precautions, protective equipment and emergency procedures | Wear protective gloves/eye protection. |
| Environmental precautions | Use appropriate container to avoid environmental contamination. |
| Methods and material for containment and cleaning up | Contain and cover spilled substance with dry sand or earth or other suitable dry material. Transfer to a container for disposal or recovery. |
| Reference to other sections | None |
| Additional Information | None |

SECTION 7: HANDLING AND STORAGE

| | |
|---|---|
| Precautions for safe handling | Wear protective gloves/eye protection. Wash hands and exposed skin after use. |
| Conditions for safe storage, including any incompatibilities | |
| -Storage Temperature | Store at room temperature. |
| -Incompatible materials | Strong oxidising agents. |
| Specific end use(s) | Synthetic Bearing Lubricant |

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

| SUBSTANCE. | CAS No. | LTEL (8 hr TWA ppm) | | STEL (ppm) | | Note: |
|------------|---------|---------------------|-------------|---------------|-------------|-------|
| | | MPEL (México) | TLV (ACGIH) | MPEL (México) | TLV (ACGIH) | |
| None | ---- | ---- | ---- | ---- | ---- | |

Recommended monitoring method None

Exposure controls

Appropriate engineering controls Not normally required.

Personal protection equipment

Eye/face protection Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other) Gloves



Respiratory protection Not normally required.





PSL365-NP-845R

Thermal hazards

Not normally required.

Environmental Exposure Controls

Not normally required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|--|---|
| Appearance | Granular Fibrous. |
| Colour | Red |
| Odour | Faint Ester-like. |
| Odour Threshold (ppm) | Not available |
| pH (Value) | Not available |
| Melting Point (°C) / Freezing Point (°C) | Not available |
| Boiling point/boiling range (°C): | Not available |
| Flash Point (°C) | 246 [Open cup] |
| Evaporation rate | Not available |
| Flammability (solid, gas) | Not available |
| Explosive limit ranges | Not available |
| Vapour Pressure (Pascal) | < 1 |
| Vapour Density (Air=1) | > 1 |
| Density (g/ml) | 0.91 |
| Solubility (Water) | Insoluble. |
| Solubility (Other) | Not available |
| Partition Coefficient (n-Octanol/water) | Not available |
| Auto Ignition Temperature (°C) | >282 |
| Decomposition Temperature (°C) | Not available |
| Kinematic Viscosity (cSt) @ 40°C | 55.5 (Listed in: Product specification) |
| Explosive properties | Not explosive. |
| Oxidising properties | Not oxidising. |
| Other information | Not available |

SECTION 10: STABILITY AND REACTIVITY

| | |
|---|---------------------------------|
| Reactivity | Stable under normal conditions. |
| Chemical stability | Stable. |
| Possibility of hazardous reactions | None anticipated. |
| Conditions to avoid | None |
| Incompatible materials | Oxidizers |
| Hazardous Decomposition Product(s) | Carbon monoxide, Carbon dioxide |

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

| | |
|---|---|
| Acute toxicity (estimated / calculated) | LD50 (oral) > 5000 mg/kg (rat) LC50 (Inhalation) > 5.2 mg/l (4 hour(s)) (rat) LD50 (Dermal) > 3000 mg/kg (rabbit) |
| Irritation / Corrosivity | Not to be expected. |
| Sensitisation | Not to be expected. |
| Repeated dose toxicity | Not to be expected. |
| Mutagenicity | Not to be expected. |
| Carcinogenicity | No data |



PSL365-NP-845R

Reproductive toxicity

Contains: tris(methylphenyl) phosphate (CAS No. 1330-78-5). May damage fertility or the unborn child.

Other information

IARC, NTP, OSHA, ACGIH do not list this product or any components thereof as known or suspected carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

tris(methylphenyl) phosphate (CAS No. 1330-78-5)

Acute toxicity

Fish LC50 = 0.06 mg/l (96 hour) (*Rainbow trout*)
Fish LC50 = 44.8 mg/l (96 hour) (*Fathead minnow*)
Aquatic invertebrates: EC50 = 146 µg/l (48 hour) (*D. magna*)
Algae EL50 > 2500 µg/l (72 hour) / (96 hour) (*S. capricornutum*)

Long Term

Fish Sublethal Effects = 0.9 mg/l (4 week(s)) (*O. mykiss*)
Aquatic invertebrates: NOEC = 0.011 – 0.019 mg/l (Survival) (*G. pseudolimnaeus*)

Persistence and degradability

Not available

Bioaccumulative potential

Not available

Mobility in soil

No data

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

UN number

Land transport

Sea transport (IMDG)

Air transport (ICAO/IATA)

Proper Shipping Name

Not classified as dangerous for transport.

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for user

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: None known

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed and active, or exempt.



PSL365-NP-845R

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 - 16.

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

Hazard Statement(s)

- H360: May damage fertility or the unborn child.

Date of preparation: February 10, 2022

Additional Information: None.

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Permawick gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Permawick accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.