

PS-150

| PS-150 | | | |
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| Version 2.0 | Revision Date: 07/26/2022 | Date of last issue: 09/02/2021 Date of first issue: 09/02/2021 | Print Date: 07/27/2022 |
| SECTION | 1. IDENTIFICATION | | |
| Prod | uct name | : PS-150 | |
| Articl | e-No. | : 340529 | |
| Manu | ufacturer or supplier's | details | |
| Com | pany name of supplier | Klüber Lubrication NA LP 9010 County Road 2120 Tyler, Texas 75707 USA Phone: +1 903 534-8021 Fax: +1 903 581-4376 32 Industrial Drive Londonderry, NH 03053 USA Phone: +1 603 647-4104 Fax: +1 603 647-4106 | |
| | ail address of person onsible for the SDS | : mcm@us.kluber.com Material Compliance Management | |
| Emei ber | rgency telephone num- | : +1-517-545-7070 NCEC | |
| Reco | ommended use of the | chemical and restrictions on use | |
| Reco | mmended use | : Lubricating oil | |
| Rest | rictions on use | : Restricted to professional users. | |

SECTION 2. HAZARDS IDENTIFICATION

| GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR |
|--|
| 1910.1200) |

| Reproductive toxicity | : | Category 2 | |
|---|---|----------------------------------|--------|
| GHS label elements Hazard pictograms | : | | |
| Signal word | : | Warning | |
| Hazard statements | : | Suspected of damaging fertility. | |
| | | 2 h | and of |





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| | | | |
| Preca | utionary statements | Prevention: | |
| | | Obtain special instructions before on Do not handle until all safety preca understood. Wear protective gloves/ protective protection. | autions have been read and |
| | | Response: | |
| | | IF exposed or concerned: Get med | dical advice/ attention. |
| | | Storage: | |
| | | Store locked up. | |
| | | Disposal: | |
| | | Dispose of contents/ container to a plant. | an approved waste disposal |
| Other | hazards | | |
| None | known. | | |

| Substance / Mixture | : | Mixture |
|---------------------|---|--------------|
| Chemical nature | : | Mineral oil. |

Components

| Chemical name | CAS-No. | Concentration (% w/w) |
|---------------------------------------|------------|-------------------------------|
| Distillates (petroleum), hydrotreated | 64742-54-7 | Trade secret (>= 80 - <= 100) |
| heavy paraffinic | | |
| Benzenamine, N-phenyl-, reaction | 68411-46-1 | Trade secret (>= 0.1 - < 1) |
| products with 2,4,4-trimethylpentene | | |

ester oil

Actual concentration is withheld as a trade secret

:

SECTION 4. FIRST AID MEASURES

If inhaled

Obtain medical attention. Remove person to fresh air. If signs/symptoms continue, get medical attention. Keep patient warm and at rest. If unconscious, place in recovery position and seek medical advice. Keep respiratory tract clear. If breathing is irregular or stopped, administer artificial respiration.





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| In cas | se of skin contact | : | Remove contaminated clothing. If | irritation develops, get med- |
| | | | ical attention. In case of contact, immediately flu Wash clothing before reuse. Thoroughly clean shoes before reu | |
| In ca | se of eye contact | : | Rinse immediately with plenty of w for at least 10 minutes. If eye irritation persists, consult a s | - |
| lf swa | allowed | : | Move the victim to fresh air. If unconscious, place in recovery p advice. Keep respiratory tract clear. Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to a | |
| | important symptoms effects, both acute and red | : | No information available. None known. | |
| Notes | s to physician | : | No information available. | |

SECTION 5. FIREFIGHTING MEASURES

| Suitable extinguishing media | : | Use water spray, alcohol-resistant foam, dry chemical or car- bon dioxide. |
|---|---|--|
| Unsuitable extinguishing media | : | High volume water jet |
| Hazardous combustion prod- ucts | : | Carbon oxides |
| Further information | : | Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. |
| Special protective equipment for firefighters | : | In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Exposure to decomposition products may be a hazard to health. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

| Personal precautions, protec- : | Evacuate personnel to safe areas. |
|---------------------------------|------------------------------------|
| tive equipment and emer- | Use personal protective equipment. |





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| geno | cy procedures | | Ensure adequate ventilation. Refer to protective measures list | ed in sections 7 and 8. |
| Environmental precautions | | : | Do not allow contact with soil, surface or ground water. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inforr respective authorities. | |
| | nods and materials for ainment and cleaning up | : | Contain spillage, and then collect sorbent material, (e.g. sand, eart miculite) and place in container for / national regulations (see section | h, diatomaceous earth, ver- or disposal according to local |

SECTION 7. HANDLING AND STORAGE

| Advice on safe handling : | Avoid inhalation of vapour or mist. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Wash hands and face before breaks and immediately after handling the product. Do not get in eyes or mouth or on skin. Do not get on skin or clothing. Do not repack. Do not re-use empty containers. These safety instructions also apply to empty packaging which may still contain product residues. Keep container closed when not in use. |
|-------------------------------|---|
| Conditions for safe storage : | Store in original container. Keep container closed when not in use. Keep in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with the particular national regulations. Keep in properly labelled containers. |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parame- ters / Permissible concentration | Basis |
|------------------------------|------------|-------------------------------------|--|--------------|
| | | | | |
| Distillates (petroleum), hy- | 64742-54-7 | TWA (Inhal- | 5 mg/m3 | ACGIH |
| drotreated heavy paraffinic | | able particu- | | (2013-03-01) |
| | | late matter) | | |





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| | | | | TWA (Mist) | 5 mg/m3 | OSHA Z-1 (2018-03-15 |
| | | | | TWA (Mist) | 5 mg/m3 | OSHA P0 (1989-01-19 |
| | | | | TWA (Mist) | 5 mg/m3 | NIOSH REL (2019-10-04 |
| | | | | ST (Mist) | 10 mg/m3 | NIOSH REL (2019-10-04 |
| Engin | eering measures | : | Handle only in appropriate e | | ped with local exha | ust (or other |
| Perso | nal protective equip | oment | | | | |
| Respir | ratory protection | : | Not required; | except in case | of aerosol formatior | ۱. |
| Filt | er type | : | Filter type A-F | C | | |
| Ma Bre | protection terial eak through time otective index | : | Nitrile rubber > 10 min Class 1 | | | |
| Re | marks | : | amongst othe | er things on the | break through time material, the thickne as to be measured | ess and the |
| Еуе рі | rotection | : | Safety glasse | s with side-shie | elds | |
| Skin a | nd body protection | : | Choose body protection in relation to its type, to the concen- tration and amount of dangerous substances, and to the spe- cific work-place. | | | |
| Protec | ctive measures | : | : The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. | | | |
| Hygiei | ne measures | : | Wash face, ha handling. | ands and any e | xposed skin thorou | ghly after |

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| Appearance | : | liquid |
|------------|---|----------------|
| Colour | : | colourless |
| Odour | : | characteristic |





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| | Odour | Threshold | : | No data available | |
| | рН | | : | Not applicable | |
| | Melting point/range | | : | No data available | |
| | Boiling point/boiling range | | : | No data available | |
| | Flash | point | : | >= 410 °F / 210 °C | |
| | | | | Method: ISO 2592, open cup | |
| | Evapo | ration rate | : | No data available | |
| | Flamm | nability (solid, gas) | : | Not applicable | |
| | Self-ig | nition | : | No data available | |
| | | explosion limit / Upper ability limit | r : | No data available | |
| | | explosion limit / Lower ability limit | : | No data available | |
| | Vapou | ir pressure | : | < 0.001 hPa (68 °F / 20 °C) | |
| | Relativ | ve vapour density | : | No data available | |
| | Relativ | ve density | : | 0.870 (68 °F / 20 °C) Reference substance: Water The value is calculated | |
| | Bulk d | ensity | : | No data available | |
| | | lity(ies) iter solubility | : | insoluble | |
| | So | lubility in other solvents | s : | No data available | |
| | | on coefficient: n- bl/water | : | No data available | |
| | Auto-i | gnition temperature | : | No data available | |
| | Decon | nposition temperature | : | No data available | |
| | Viscos Vis | ity cosity, dynamic | : | No data available | |





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| | scosity, kinematic osive properties | : 46 mm2/s (104 °F / 40 °C) : Not explosive | |
| Oxidizing properties Sublimation point | | No data availableNo data available | |

SECTION 10. STABILITY AND REACTIVITY

| Reactivity | : | No hazards to be specially mentioned. |
|---|---|---|
| Chemical stability | : | Stable under normal conditions. |
| Possibility of hazardous reac- tions | : | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | : | No conditions to be specially mentioned. |
| Incompatible materials | : | No materials to be especially mentioned. |
| Hazardous decomposition products | : | No decomposition if stored and applied as directed. |

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

| Product: | | |
|---------------------------|---|---|
| Acute oral toxicity | : | Remarks: This information is not available. |
| Acute inhalation toxicity | : | Remarks: This information is not available. |
| Acute dermal toxicity | : | Remarks: This information is not available. |

Components:

Distillates (petroleum), hydrotreated heavy paraffinic:

| Acute oral toxicity | : | LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline 401 GLP: yes |
|---------------------------|---|---|
| Acute inhalation toxicity | : | LC50 (Rat): > 5.53 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 Assessment: The substance or mixture has no acute inhala- |





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| | | | tion toxicity | |
| Acute | e dermal toxicity | : | LD50 (Rabbit): > 5,000 mg/kg Method: OECD Test Guideline 402 | 2 |
| Benz | enamine, N-phenyl | ., react | on products with 2,4,4-trimethylp | entene: |
| Acute | e oral toxicity | : | LD50 (Rat): > 5,000 mg/kg Method: OECD Test Guideline 401 | |
| Acute | e dermal toxicity | : | LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 Assessment: The substance or mix toxicity | |
| Skin | corrosion/irritation | | | |
| Prod | uct: | | | |
| Rema | arks | : | This information is not available. | |
| Com | ponents: | | | |
| Distil | lates (petroleum), h | ydrotr | eated heavy paraffinic: | |
| Speci | ies | : | Rabbit | |
| | ssment | : | No skin irritation | |
| Metho | | : | OECD Test Guideline 404 | |
| Resu | lt | : | No skin irritation | |
| GLP | | : | yes | |
| Benz | enamine, N-phenyl | -, react | on products with 2,4,4-trimethylp | entene: |
| Spec | | : | Rabbit | |
| | ssment | : | No skin irritation | |
| Meth | | : | OECD Test Guideline 404 | |
| Resu | IL | | No skin irritation | |
| | | e irritati | on | |
| Serio | ous eye damage/eye | | | |
| Serio <u>Prod</u> | | | | |
| | uct: | : | This information is not available. | |
| Prod | uct: | : | This information is not available. | |
| <u>Prod</u> Rema | uct: | : | This information is not available. | |
| Prode Rema <u>Com</u> Distil | <u>uct:</u> arks ponents: llates (petroleum), h | : nydrotr | eated heavy paraffinic: | |
| Prod Rema Com Distil | <u>uct:</u> arks ponents: llates (petroleum), h ies | : nydrotr : | eated heavy paraffinic: Rabbit | |
| Produ Rema Com Distil Speci Resu | <u>uct:</u> arks ponents: l lates (petroleum), h ies lt | : nydrotr : : | eated heavy paraffinic: Rabbit No eye irritation | |
| Produ Rema Com Distil Speci Resu | uct: arks ponents: lates (petroleum), h ies lt ssment | : nydrotr : : | eated heavy paraffinic: Rabbit | |





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| Benz | enamine. N-pheny | reaction products | with 2,4,4-trimethylp | entene: |
| Speci | | : Rabbit | | |
| Resul | | : No eye irrita | tion | |
| | ssment | : No eye irrita | | |
| Method | | | Guideline 405 | |
| Resp | iratory or skin ser | itisation | | |
| Prod | uct: | | | |
| Rema | arks | : This informa | tion is not available. | |
| <u>Com</u> | ponents: | | | |
| | u // | ydrotreated heavy | paraffinic: | |
| Speci | | : Guinea pig | | |
| | ssment | | use skin sensitisation. | |
| Metho | | | Guideline 406 | |
| Resul GLP | IT | : Does not cal : yes | use skin sensitisation. | |
| Benz | enamine, N-pheny | , reaction products | with 2,4,4-trimethylp | entene: |
| Speci | ies | : Guinea pig | | |
| Asses | ssment | : Did not caus | e sensitisation on labo | pratory animals. |
| Metho | | | Guideline 406 | |
| Resu | lt | : Did not caus | e sensitisation on labo | pratory animals. |
| Germ | cell mutagenicity | | | |
| Prod | | | | |
| Geno | toxicity in vitro | : Remarks: No | o data available | |
| Geno | toxicity in vivo | : Remarks: No | o data available | |
| Carci | nogenicity | | | |
| Prod | uct: | | | |
| Rema | arks | : No data ava | ilable | |
| Com | ponents: | | | |
| Distil | lates (petroleum), | ydrotreated heavy | paraffinic: | |
| Carcii ment | nogenicity - Assess | : Not classifia | ble as a human carcin | ogen. |
| IARC | | | present at levels greate or confirmed human of | er than or equal to 0.1% i carcinogen by IARC. |
| IARC | | | | |
| OSH | | pont of this product r | vrocont at lovale groat | or than or equal to 0.10 |

OSHA No component of this product present at levels greater than or equal to 0.1% is





| PS-150 Version Revision Date: Date of last issue: 09/02/2021 2.0 07/26/2022 Date of first issue: 09/02/2021 on OSHA's list of regulated carcinogens. NTP No component of this product present at levels greater than identified as a known or anticipated carcinogen by NTP. Reproductive toxicity Product: Effects on fertility Effects on foetal develop- : Remarks: No data available Effects (petroleum), hydrotreated heavy paraffinic: Reproductive toxicity - As- Distillates (petroleum), hydrotreated heavy paraffinic: Reproductive toxicity - As- No toxicity to reproduction | Print Date: 07/27/2022 n or equal to 0.1% is | | | |
|--|---|--|--|--|
| .0 07/26/2022 Date of first issue: 09/02/2021 on OSHA's list of regulated carcinogens. NTP No component of this product present at levels greater than identified as a known or anticipated carcinogen by NTP. Reproductive toxicity Product: Effects on fertility : Remarks: No data available Effects on foetal develop-ment Components: Distillates (petroleum), hydrotreated heavy paraffinic: Reproductive toxicity - As- : Effects | 07/27/2022 | | | |
| NTP No component of this product present at levels greater than identified as a known or anticipated carcinogen by NTP. Reproductive toxicity Product: Effects on fertility : Remarks: No data available Effects on foetal develop- : Remarks: No data available ment : Distillates (petroleum), hydrotreated heavy paraffinic: Reproductive toxicity - As- : - Fertility - sessment | n or equal to 0.1% is | | | |
| identified as a known or anticipated carcinogen by NTP. Reproductive toxicity <u>Product:</u> Effects on fertility : Remarks: No data available Effects on foetal develop- : Remarks: No data available ment : Remarks: No data available Distillates (petroleum), hydrotreated heavy paraffinic: Reproductive toxicity - As- : - Fertility - sessment | n or equal to 0.1% is | | | |
| Product: Effects on fertility : Remarks: No data available Effects on foetal develop- : Remarks: No data available ment : Remarks: No data available Distillates (petroleum), hydrotreated heavy paraffinic: Reproductive toxicity - As- : - Fertility - sessment | | | | |
| Effects on fertility : Remarks: No data available Effects on foetal development : Remarks: No data available Components: Distillates (petroleum), hydrotreated heavy paraffinic: Reproductive toxicity - As- : - Fertility - sessment | | | | |
| Effects on fertility : Remarks: No data available Effects on foetal development : Remarks: No data available Components: Distillates (petroleum), hydrotreated heavy paraffinic: Reproductive toxicity - As- : - Fertility - sessment | | | | |
| ment <u>Components:</u> Distillates (petroleum), hydrotreated heavy paraffinic: Reproductive toxicity - As Fertility - sessment | | | | |
| Distillates (petroleum), hydrotreated heavy paraffinic: Reproductive toxicity - As- : - Fertility - | | | | |
| Reproductive toxicity - As- : - Fertility - | | | | |
| sessment | | | | |
| sessment No toxicity to reproduction | | | | |
| | | | | |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpenter Reproductive toxicity - As- : - Fertility - | ie: | | | |
| sessment Some evidence of adverse effects on se fertility, based on animal experiments. | Some evidence of adverse effects on sexual function and fertility, based on animal experiments. | | | |
| Repeated dose toxicity | | | | |
| Product: | | | | |
| Remarks : This information is not available. | | | | |
| Aspiration toxicity | | | | |
| <u>Product:</u> This information is not available. | | | | |
| Components: | | | | |
| Distillates (petroleum), hydrotreated heavy paraffinic: No aspiration toxicity classification | | | | |
| Further information | | | | |
| Product: | | | | |
| Remarks : Information given is based on data on th the toxicology of similar products. | | | | |





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| ECTION | 12. ECOLOGICAL IN | FORM | ATION | |
| Ecoto | oxicity | | | |
| <u>Produ</u> Toxici | ict: ty to fish | : | Remarks: Harmful to aquatic org adverse effects in the aquatic en | |
| | ty to daphnia and othe | er : | Remarks: No data available | |
| Toxici plants | ty to algae/aquatic | : | Remarks: No data available | |
| Toxici | ty to microorganisms | : | Remarks: No data available | |
| <u>Comp</u> | oonents: | | | |
| | ates (petroleum), hy ty to fish | drotro : | eated heavy paraffinic: LC50 (Pimephales promelas (fat Exposure time: 96 h Test Type: static test Method: OECD Test Guideline 24 GLP: yes | |
| | ty to daphnia and othe | er : | EC50 (Daphnia magna (Water fle Exposure time: 48 h Test Type: Immobilization Method: OECD Test Guideline 20 GLP: yes | |
| | ty to daphnia and othe ic invertebrates (Chro city) | | NOEC (Daphnia magna (Water f Exposure time: 21 d Test Type: semi-static test Method: OECD Test Guideline 2 GLP: yes | |

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene:

| Toxicity to fish | : | LC50 (Danio rerio (zebra fish)): > 100 mg/l |
|------------------|---|---|
| - | | Exposure time: 96 h |
| | | Test Type: static test |
| | | Method: OECD Test Guideline 203 |





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| | ty to daphnia and other c invertebrates | · : | EC50 (Daphnia magna (Water flea Exposure time: 48 h Test Type: static test Method: OECD Test Guideline 202 | |
| Toxici plants | ty to algae/aquatic | : | EC50 (Desmodesmus subspicatus Exposure time: 72 h Test Type: static test Method: OECD Test Guideline 201 | |
| Persis | stence and degradabi | lity | | |
| <u>Produ</u> Biodeg | i <mark>ct:</mark> gradability | : | Remarks: No data available | |
| Physic ity | co-chemical removabil- | : | Remarks: No data available | |
| Comp | onents: | | | |
| Biode | gradability | : | aerobic Inoculum: activated sludge Result: Not rapidly biodegradable Biodegradation: 3 % Exposure time: 28 d Method: OECD Test Guideline 301 GLP: yes | В |
| Benze | enamine, N-phenyl-, r | eact | on products with 2,4,4-trimethylp | entene: |
| Biode | gradability | : | aerobic Inoculum: activated sludge Result: Not rapidly biodegradable Biodegradation: 1 % Exposure time: 28 d Method: OECD Test Guideline 301 GLP: yes | В |
| Bioac | cumulative potential | | | |
| <u>Produ</u> Bioaco | i <u>ct:</u> cumulation | : | Remarks: This mixture contains no be persistent, bioaccumulating and This mixture contains no substance | l toxic (PBT). |
| | | | 12 / 17 | a brand of |





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| | | | persistent and very bioaccumulatir | ng (vPvB). |
| <u>Com</u> | ponents: | | | |
| Distil | lates (petroleum), hyd | drotr | eated heavy paraffinic: | |
| | ion coefficient: n- ol/water | : | log Pow: > 2 | |
| Benz | enamine, N-phenyl-, r | eact | ion products with 2,4,4-trimethylp | pentene: |
| | ion coefficient: n- ol/water | : | log Pow: > 5 | |
| Mobi | lity in soil | | | |
| Prod | uct: | | | |
| Mobil | ity | : | Remarks: No data available | |
| | bution among environ- al compartments | : | Remarks: No data available | |
| Othe | r adverse effects | | | |
| Prod | uct: | | | |
| Ozon | e-Depletion Potential | : | Regulation: 40 CFR Protection of tection of Stratospheric Ozone - C Substances Remarks: This product neither cor tured with a Class I or Class II OD Clean Air Act Section 602 (40 CFF | AA Section 602 Class I ntains, nor was manufac- S as defined by the U.S. |
| Addit matio | - | : | Harmful to aquatic life with long la | sting effects. |
| Com | ponents: | | | |
| Distil | lates (petroleum), hyd | drotr | eated heavy paraffinic: | |
| Resu | Its of PBT and vPvB | : | Non-classified vPvB substance No | on-classified PBT substand |

SECTION 13. DISPOSAL CONSIDERATIONS

| Disposal methods | | |
|---------------------|---|--|
| Waste from residues | : | The product should not be allowed to enter drains, water courses or the soil. Do not dispose of with domestic refuse. Dispose of as hazardous waste in compliance with local and national regulations. |





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| Conta | aminated packaging | : Packaging that is not properly em the unused product. Dispose of waste product or used local regulations. | |

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG Not regulated as a dangerous good

IATA-DGR Not regulated as a dangerous good

IMDG-Code Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

| SARA 311/312 Hazards | • | Reproductive toxicity |
|----------------------|---|---|
| SARA 313 | : | This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. |

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).





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This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111

SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product contains the following toxic pollutants listed under the U.S. Clean Water Act Section 307

1,2-Benzenedicarboxylic68515-49-1>= 5 - < 10 %</td>acid, di-C9-11-branchedalkyl esters, C10-rich>= 5 - < 10 %</td>

This product does not contain any priority pollutants related to the U.S. Clean Water Act

US State Regulations

| Massachusetts Right To Know | |
|---|--------------------------------------|
| Distillates (petroleum), hydrotreated heavy paraffinic | 64742-54-7 |
| Pennsylvania Right To Know | |
| | 64742-54-7 68515-49-1 |
| Maine Chemicals of High Concern | |
| Benzenamine, N-phenyl-, reaction products with 2,4,4- | 68411-46-1 |
| Vermont Chemicals of High Concern | |
| Benzenamine, N-phenyl-, reaction products with 2,4,4- | 68411-46-1 |
| | 115-86-6 1330-78-5 |
| Washington Chemicals of High Concern | |
| Benzenamine, N-phenyl-, reaction products with 2,4,4- | 68411-46-1 |
| · · · · · · · · · · · · · · · · · · · | 115-86-6 1330-78-5 |
| New York City Hazardous Substances | |
| 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, 6 C10-rich | 68515-49-1 |
| Distillates (petroleum), hydrotreated middle | 115-86-6 64742-46-7 64742-55-8 |

California Prop. 65

WARNING: This product can expose you to chemicals including 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.





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| Califo | ornia List of Hazard | ous Substances | |
| | 1,2-Benzenedic C10-rich | arboxylic acid, di-C9-11-branched alkyl esters, | 68515-49-1 |
| Califo | ornia Permissible Ex | posure Limits for Chemical Contaminants | |
| | Distillates (petro | leum), hydrotreated heavy paraffinic | 64742-54-7 |
| TSCA | list | | |
| No su | Ibstances are subject | to a Significant New Use Rule. | |

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

Further information

Full text of other abbreviations

| | - | |
|-----------------|---|---|
| ACGIH | : | USA. ACGIH Threshold Limit Values (TLV) |
| NIOSH REL | : | USA. NIOSH Recommended Exposure Limits |
| OSHA P0 | : | USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values) |
| OSHA Z-1 | : | USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim- its for Air Contaminants |
| ACGIH / TWA | : | 8-hour, time-weighted average |
| NIOSH REL / TWA | : | Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek |
| NIOSH REL / ST | : | STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday |
| OSHA P0 / TWA | : | 8-hour time weighted average |
| OSHA Z-1 / TWA | : | 8-hour time weighted average |
| OSHA Z-1 / TWA | : | 8-hour time weighted average |

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance: ELx - Loading rate associated with x% response: EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan): ISO - International Organisation for Standardization: KECI -Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC





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- No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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