

SNO-SEAL™

Version number: 1.0

Date of compilation: 2024-05-08

SECTION 1: Identification

1.1 Product identifier

Trade name

SNO-SEAL™

Product code(s)

1330, 1331, 1332Q, 1333, 1333B, 1333C, 1333D,
1333G, 1335

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

Relevant identified uses

Hydrophobing agent / water repellent

1.3 Details of the supplier of the safety data sheet

Atsko, Inc.
2664 Russell St.
Orangeburg SC 29115
United States

Phone: (803) 531-1820

1.4 Emergency telephone number

Emergency information service

ChemTel Inc. +1 (800) 255-3924 (24 hours)

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification according to OSHA "Hazard Communication Standard" (29 CFR 1910.1200) and Canadian Hazard Products Regulations (HPR)

| Hazard class | Category | Hazard class and category | Hazard statement |
|---|----------|---------------------------|------------------|
| Specific target organ toxicity - single exposure (narcotic effects, drowsiness) | 3 | STOT SE 3 | H336 |
| Flammable solid | 1 | Flam. Sol. 1 | H228 |

For full text of abbreviations: see SECTION 16.

2.2 Label elements

Labelling according to OSHA "Hazard Communication Standard" (29 CFR 1910.1200) and Canadian Hazard Products Regulations (HPR)

- Signal word danger

- Pictograms

GHS02, GHS07



- Hazard statements

H228

Flammable solid.

H336

May cause drowsiness or dizziness.

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- Precautionary statements

| | |
|-----------|---|
| P101 | If medical advice is needed, have product container or label at hand. |
| P210 | Keep away from heat/sparks/open flames/hot surfaces. No smoking. |
| P240 | Ground/bond container and receiving equipment. |
| P241 | Use explosion-proof electrical/ventilating/lighting equipment. |
| P261 | Avoid breathing dust/fume/gas/mist/vapors/spray. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves/eye protection/face protection. |
| P304+P340 | If inhaled: Remove person to fresh air and keep comfortable for breathing. |
| P312 | Call a poison center/doctor if you feel unwell. |
| P370+P378 | In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish. |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to industrial combustion plant. |

- Hazardous ingredients for labelling Distillates (petroleum), hydrotreated light

2.3 Other hazards

Hazards not otherwise classified

May be harmful in contact with skin (GHS category 5: acutely toxic - dermal).
May be harmful if inhaled (GHS category 5: acutely toxic - inhalation).

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.




SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

| Name of substance | Identifier | Wt% | Classification acc. to GHS | Pictograms |
|---|----------------------|-----------|---|---|
| Distillates (petroleum), hydrotreated light | CAS No 64742-47-8 | 25 – < 50 | STOT SE 3 / H336 Asp. Tox. 1 / H304 Flam. Liq. 3 / H226 |    |

Remarks

For full text of abbreviations: see SECTION 16



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SECTION 4: First-aid measures

4.1 Description of first-aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Narcotic effects.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water, Foam, ABC-powder

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains, Take up mechanically

Advice on how to clean up a spill

Take up mechanically.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire

Use local and general ventilation. Use only in well-ventilated areas. Ground/bond container and receiving equipment.

- Specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Removal of dust deposits.

- Flammability hazards

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.



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7.3 Specific end use(s)

Hydrophobing agent / water repellent.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

| Occupational exposure limit values (Workplace Exposure Limits) | | | | | | | | | | | |
|--|---------------|-----------|------------|-----------|-------------|------------|--------------|-----------------|-------------------|----------|----------------|
| Country | Name of agent | CAS No | Identifier | TWA [ppm] | TWA [mg/m³] | STEL [ppm] | STEL [mg/m³] | Ceiling-C [ppm] | Ceiling-C [mg/m³] | Notation | Source |
| CA | paraffin wax | 8002-74-2 | PEV/VEA | | 2 | | | | | fume | Regulation OHS |
| MX | paraffin | 8002-74-2 | VLE | | 2 | | | | | fume | NOM-010-STPS |
| US | paraffin wax | 8002-74-2 | REL | | 2 (10 h) | | | | | fume | NIOSH REL |
| US | paraffin wax | 8002-74-2 | TLV® | | 2 | | | | | fume | ACGIH® 2024 |

Notation

Ceiling-C

fume

STEL

TWA

ceiling value is a limit value above which exposure should not occur

as fume

short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear protective gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

| | |
|----------------|------------------------------|
| Physical state | solid (structurally viscous) |
| Color | clear |
| Odor | like petroleum |

Other safety parameters

| | |
|---|---|
| pH (value) | not applicable |
| Melting point/freezing point | not determined |
| Initial boiling point and boiling range | not determined |
| Flash point | 39.4 °C at 101.3 kPa |
| Evaporation rate | not determined |
| Flammability (solid, gas) | flammable solid in accordance with GHS criteria |
| Vapor pressure | 2 hPa at 20 °C |
| Density | 0.78 g/cm ³ at 20 °C |
| Vapor density | this information is not available |

Solubility(ies)

| | |
|--------------------|-----------|
| - Water solubility | <0.1 mg/l |
|--------------------|-----------|

Partition coefficient

| | |
|-----------------------------|--|
| - n-octanol/water (log KOW) | this information is not available |
| Auto-ignition temperature | 210 °C (relative self-ignition temperature for solids) |
| Viscosity | not relevant (solid matter) |
| Explosive properties | none |
| Oxidizing properties | none |



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SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains reactive substance(s). Risk of ignition.

If heated:

Risk of ignition

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.5 Incompatible materials

Oxidizers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful in contact with skin or if inhaled.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.



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Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

May cause drowsiness or dizziness.

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of $\geq 0.1\%$.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid accidental release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

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SECTION 14: Transport information

14.1 UN number

| | |
|-----------|---------|
| DOT | UN 3175 |
| IMDG-Code | UN 3175 |
| ICAO-TI | UN 3175 |

14.2 UN proper shipping name

| | |
|--|---|
| DOT | Solids containing flammable liquid, n.o.s. |
| IMDG-Code | SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. |
| ICAO-TI | Solids containing flammable liquid, n.o.s. |
| Technical name (hazardous ingredients) | Distillates (petroleum), hydrotreated light |

14.3 Transport hazard class(es)

| | |
|-----------|-----|
| DOT | 4.1 |
| IMDG-Code | 4.1 |
| ICAO-TI | 4.1 |

14.4 Packing group

| | |
|-----------|----|
| DOT | II |
| IMDG-Code | II |
| ICAO-TI | II |

14.5 Environmental hazards

| | |
|---|---|
| | hazardous to the aquatic environment |
| Environmentally hazardous substance (aquatic environment) | Distillates (petroleum), hydrotreated light |

14.6 Special precautions for user

There is no additional information.

14.7 Transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information

| | |
|--|---|
| Particulars in the shipper's declaration | UN3175, Solids containing flammable liquid, n.o.s., (contains: Distillates (petroleum), hydrotreated light), 4.1, II, environmentally hazardous |
| Danger label(s) | 4.1, fish and tree |




| | |
|-------------------------|--|
| Environmental hazards | yes (hazardous to the aquatic environment) |
| Special provisions (SP) | 47, IB6, IP2, T3, TP33 |


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| | |
|---|---|
| ERG No | 133 |
| Limited quantities (LQ) | Limited Quantity rules apply for packages of less than 30 kg gross weight with inner packagings of less than 1 kg each. Labeling as a Marine Pollutant is only required for bulk shipments greater than 450 L / 119 gallons (liquids) or 400 kg / 882 lbs (solids). |
|  | |

International Maritime Dangerous Goods Code (IMDG) - Additional information

| | |
|---|--|
| Marine pollutant | yes (hazardous to the aquatic environment) (Distillates (petroleum), hydrotreated light) |
| Danger label(s) | 4.1, fish and tree |
|  | |

| | |
|--|---|
| Special provisions (SP) | 216, 274 |
| Excepted quantities (EQ) | E2 |
| Limited quantities (LQ) | Limited Quantity rules apply for packages of less than 30 kg gross weight with inner packagings of less than 1 kg each. Labeling as a Marine Pollutant is not required for packages less than 5 L (liquids) or 5 kg (solids). |
|  | |
| EmS | F-A, S-I |
| Stowage category | B |

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

| | |
|---|---|
| Environmental hazards | yes (hazardous to the aquatic environment) |
| Danger label(s) | 4.1 |
|  | |
| Special provisions (SP) | A46 |
| Excepted quantities (EQ) | E2 |
| Limited quantities (LQ) | Limited Quantity air transport rules apply for packages of less than 30 kg gross weight with inner packagings of less than 0.5 kg each. |
|  | |

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

| | |
|---|--|
| Toxic Substance Control Act (TSCA) | all ingredients are listed (ACTIVE) or exempt from listing |
|---|--|



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Superfund Amendment and Reauthorization Act (SARA TITLE III)

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)
none of the ingredients are listed
- Specific Toxic Chemical Listings (EPCRA Section 313)
none of the ingredients are listed

Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)
none of the ingredients are listed

Clean Air Act

none of the ingredients are listed

Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)
none of the ingredients are listed
- Toxic or Hazardous Substance List (MA-TURA)
none of the ingredients are listed

California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987

none of the ingredients are listed

Drug precursors, Chemicals designated within the Controlled Substances Act, 21 U.S.C. § 802, paragraphs 34 (list I) and 35 (list II)

none of the ingredients are listed

Industry or sector specific available guidance(s)

NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

| Category | Rating | Description |
|---------------------|--------|--|
| Chronic | / | none |
| Health | 1 | irritation or minor reversible injury possible |
| Flammability | 3 | material that can be ignited under almost all ambient temperature conditions |
| Physical hazard | 0 | material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive |
| Personal protection | - | |

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

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| Category | Degree of hazard | Description |
|----------------|------------------|--|
| Flammability | 3 | material that can be ignited under almost all ambient temperature conditions |
| Health | 1 | material that, under emergency conditions, can cause significant irritation |
| Instability | 0 | material that is normally stable, even under fire conditions |
| Special hazard | | |

National inventories

| Country | Inventory | Status |
|---------|------------|---|
| AU | AIIC | all ingredients are listed or exempt from listing |
| CA | DSL | all ingredients are listed or exempt from listing |
| CN | IECSC | all ingredients are listed or exempt from listing |
| EU | ECSI | all ingredients are listed or exempt from listing |
| EU | REACH Reg. | all ingredients are listed or exempt from listing |
| KR | KECI | all ingredients are listed or exempt from listing |
| MX | INSQ | all ingredients are listed or exempt from listing |
| NZ | NZIoC | all ingredients are listed or exempt from listing |
| PH | PICCS | all ingredients are listed or exempt from listing |
| TR | CICR | all ingredients are listed or exempt from listing |
| TW | TCSI | all ingredients are listed or exempt from listing |
| VN | NCI | all ingredients are listed or exempt from listing |
| US | TSCA | all ingredients are listed (ACTIVE) |

Legend

| | |
|------------|---|
| AIIC | Australian Inventory of Industrial Chemicals |
| CICR | Chemical Inventory and Control Regulation |
| DSL | Domestic Substances List (DSL) |
| ECSI | EC Substance Inventory (EINECS, ELINCS, NLP) |
| IECSC | Inventory of Existing Chemical Substances Produced or Imported in China |
| INSQ | National Inventory of Chemical Substances |
| KECI | Korea Existing Chemicals Inventory |
| NCI | National Chemical Inventory |
| NZIoC | New Zealand Inventory of Chemicals |
| PICCS | Philippine Inventory of Chemicals and Chemical Substances (PICCS) |
| REACH Reg. | REACH registered substances |
| TCSI | Taiwan Chemical Substance Inventory |
| TSCA | Toxic Substance Control Act |

15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.



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SECTION 16: Other information, including date of preparation or last revision

Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on the tested mixture and/or formulator knowledge.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text |
|------|---|
| H226 | Flammable liquid and vapor. |
| H228 | Flammable solid. |
| H304 | May be fatal if swallowed and enters airways. |
| H336 | May cause drowsiness or dizziness. |

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.