

Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200)

Printing date 12/08/2015

Reviewed on 12/08/2015

1 Identification

- **Product identifier**
- **Trade name:** SNO-SEAL™
- **Article number:** 1330, 1331, 1332Q, 1333, 1333B, 1333C, 1333D, 1333G, 1335
- **Recommended use and restriction on use**
- **Recommended use:** Hydrophobing agent/ water repellent
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
Atsko, Inc.
2664 Russell S.E.
Orangeburg, SC 29115
Phone: (803) 531-1820
- **Emergency telephone number:**
ChemTel Inc.
+1 (800)255-3924, +1 (813)248-0585

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Sol. 1 H228 Flammable solid.



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Additional information:**
There are no other hazards not otherwise classified that have been identified.
0 % of the mixture consists of component(s) of unknown toxicity.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS02 GHS07

- **Signal word:** Danger
- **Hazard-determining components of labeling:**
Distillates (petroleum), hydrotreated light
- **Hazard statements:**
H228 Flammable solid.
H336 May cause drowsiness or dizziness.

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· **Precautionary statements:**

- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray
- P280 Wear protective gloves / face protection.
- P240 Ground/bond container and receiving equipment.
- P271 Use only outdoors or in a well-ventilated area.
- 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 for extinction: CO2, powder or water spray.
- P405 Store locked up.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system**

· **NFPA ratings (scale 0 - 4)**



Health = 1
Fire = 3
Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 1
Fire = 3
Reactivity = 0

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

64742-47-8	Distillates (petroleum), hydrotreated light	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336	20-40%
8002-74-2	Paraffin waxes and Hydrocarbon waxes		10-20%

· **Additional information:**

For the wording of the listed Hazard Statements refer to section 16.
For the listed ingredient(s), the identity and exact percentage(s) are being withheld as a trade secret.

4 First-aid measures

· **Description of first aid measures**

· **General information:** No special measures required.

· **After inhalation:**

Supply fresh air; consult doctor in case of complaints.
Provide oxygen treatment if affected person has difficulty breathing.

· **After skin contact:**

Remove any clothing soiled by the product.

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- Clean with water and soap.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
 - **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; immediately call for medical help.
 - **Information for doctor**
 - **Most important symptoms and effects, both acute and delayed:**
Gastric or intestinal disorders when ingested.
 - **Danger:**
Vapours may cause drowsiness and dizziness.
Repeated exposure may cause skin dryness or cracking.
 - **Indication of any immediate medical attention and special treatment needed:**
If necessary oxygen respiration treatment.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
ABC powder
Carbon dioxide
Gaseous extinguishing agents
Sand
Water fog / haze
- **For safety reasons unsuitable extinguishing agents:** Water stream.
- **Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide (CO)
In certain fire conditions, traces of other toxic gases cannot be excluded.
- **Advice for firefighters**
- **Protective equipment:**
Wear self-contained respiratory protective device.
Wear fully protective suit.
- **Additional information:** Cool endangered receptacles with water fog.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Particular danger of slipping on leaked/spilled product.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Pick up mechanically.
Clean the affected area carefully; suitable cleaners are:
Warm water and cleansing agent
- **Reference to other sections:**
See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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7 Handling and storage

- **Handling**
- **Precautions for safe handling:** Use only in well ventilated areas.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect from heat.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
Avoid storage near extreme heat, ignition sources or open flame.
- **Information about storage in one common storage facility:**
Store away from oxidizing agents.
Store away from foodstuffs.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Keep away from heat.
- **Specific end use(s):** No relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

64742-47-8 Distillates (petroleum), hydrotreated light

EL (Canada)	Long-term value: 200 mg/m ³ Skin
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8002-74-2 Paraffin waxes and Hydrocarbon waxes

REL (USA)	Long-term value: 2 mg/m ³
TLV (USA)	Long-term value: 2 mg/m ³
EL (Canada)	Long-term value: 2 mg/m ³
EV (Canada)	Long-term value: 2 mg/m ³ fume
LMPE (Mexico)	Long-term value: 2 mg/m ³

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Wash hands before breaks and at the end of work.
- **Engineering controls:** Keep away from heat/sparks/open flames/hot surfaces. No smoking.

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- **Breathing equipment:**
Not necessary if room is well-ventilated.
Use suitable respiratory protective device in case of insufficient ventilation.
Use suitable respiratory protective device when high concentrations are present.
For spills, respiratory protection may be advisable.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Eye protection:**



Safety glasses

- **Body protection:** Protective work clothing
- **Limitation and supervision of exposure into the environment** No relevant information available.
- **Risk management measures** See Section 7 for additional information.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General information**

- **Appearance:**

Form: Structurally viscous

Color: Clear

- **Odor:** Petroleum-like

- **Odor threshold:** Not determined.

- **pH-value:** Not applicable.

- **Change in condition:**

Melting point/Melting range: Not determined.

Boiling point/Boiling range: Not determined.

- **Flash point:** Not applicable.

- **Flammability (solid, gaseous):** Flammable solid.

- **Auto-ignition temperature:** 210 °C (410 °F)

- **Decomposition temperature:** Not determined.

- **Auto igniting:** Product is not self-igniting.

- **Danger of explosion:** Not determined.

- **Explosion limits:**

Lower: 0.5 Vol %

Upper: 6.5 Vol %

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· Oxidizing properties:	Not determined.
· Vapor pressure at 20 °C (68 °F):	2 hPa (2 mm Hg)
· Density at 20 °C (68 °F):	0.78 g/cm ³ (6.509 lbs/gal)
· Relative density:	Not determined.
· Vapor density:	Not applicable.
· Evaporation rate:	Not applicable.
· Solubility in / Miscibility with:	
Water:	Insoluble.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· Other information	No relevant information available.

10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:**
- **Thermal decomposition / conditions to be avoided:** Keep away from heat and direct sunlight.
- **Possibility of hazardous reactions:**
 - Reacts with strong oxidizing agents.
 - Reacts with peroxides and other radical forming substances.
- **Conditions to avoid:**
 - Excessive heat.
 - Store away from oxidizing agents.
- **Incompatible materials:** No relevant information available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

LD/LC50 values that are relevant for classification:

64742-47-8 Distillates (petroleum), hydrotreated light

Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

- **Primary irritant effect:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:** Based on available data, the classification criteria are not met.

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- **Additional toxicological information:**

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients are listed.

- **NTP (National Toxicology Program):**

None of the ingredients are listed.

- **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

- **Probable route(s) of exposure:**

Ingestion.

Inhalation.

Eye contact.

Skin contact.

- **Acute effects (acute toxicity, irritation and corrosivity):**

Vapors have narcotic effect.

May cause drowsiness or dizziness.

- **Repeated dose toxicity:** No relevant information available.

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

- **Carcinogenicity:** Based on available data, the classification criteria are not met.

- **Reproductive toxicity:** Based on available data, the classification criteria are not met.

- **STOT-single exposure:** May cause drowsiness or dizziness.

- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

- **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No relevant information available.

- **Persistence and degradability:** Biodegradable.

- **Behavior in environmental systems**

- **Bioaccumulative potential:** No relevant information available.

- **Mobility in soil:** No relevant information available.

- **Additional ecological information**

- **General notes:**

This statement was deduced from products with a similar structure or composition.

Avoid transfer into the environment.

Due to the consistence and the low watersolubility of the product a bioavailability is not probable.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- **Other adverse effects:** No relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Smaller quantities can be disposed of with household waste.
Contact waste processors for recycling information.
The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· UN-Number	
· DOT, ADR, IMDG, IATA	UN3175
· UN proper shipping name	
	Limited Quantity for packages less than 30 kg (66 lb) and inner packagings less than 5 kg (11 lb.)
· DOT, IATA	Solids containing flammable liquid, n.o.s. (Distillates (petroleum), hydrotreated light)
· ADR	3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)
· IMDG	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (Distillates (petroleum), hydrotreated light)
· Transport hazard class(es)	
· DOT	
	
· Class	4.1 Flammable solids, self-reactive substances and solid desensitised explosives
· Label	4.1
· ADR	
	
· Class	4.1 (F1) Flammable solids, self-reactive substances and solid desensitised explosives

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· Label	4.1
· IMDG, IATA	
	
· Class	4.1 Flammable solids, self-reactive substances and solid desensitised explosives
· Label	4.1
· Packing group	
· DOT, ADR, IMDG, IATA	II
· Environmental hazards	
· Marine pollutant:	No
· Special precautions for user	Warning: Flammable solids, self-reactive substances and solid desensitised explosives
· Danger code (Kemler):	40
· EMS Number:	F-A,S-I
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
	Not applicable.
· UN "Model Regulation"	UN 3175 SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (DISTILLATES (PETROLEUM), HYDROTREATED LIGHT), 4.1, II

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA
- Section 302 (extremely hazardous substances):
None of the ingredients are listed.
- Section 304 (emergency release notification):
None of the ingredients are listed.
- Sections 311/312 (hazardous chemical threshold planning quantity in pounds):
None of the ingredients are listed.
- Section 355 (extremely hazardous substances):
None of the ingredients are listed.
- Section 313 (Specific toxic chemical listings):
None of the ingredients are listed.
- TSCA (Toxic Substances Control Act)
All ingredients are listed.

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- **Proposition 65 (California)**

- **Chemicals known to cause cancer:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

- **IARC (International Agency for Research on Cancer):**

None of the ingredients are listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.

- **Canadian substance listings**

- **Canadian Domestic Substances List (DSL):**

All ingredients are listed.

- **Canadian Ingredient Disclosure list (limit 0.1%):**

None of the ingredients are listed.

- **Canadian Ingredient Disclosure list (limit 1%):**

None of the ingredients are listed.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Date of preparation / last revision** 12/08/2015 / -

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

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REL: Recommended Exposure Limit

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Flam. Sol. 1: Flammable solids, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

Sources

SDS Prepared by:

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