



THIS APPLIES TO UNDILUTED MATERIAL ONLY!

Safety Data Sheet

ASPHALT RELEASE AGENT₂₁₀

SDS Revision Date: 07/12/2021

1. Product and Company Name

1.1. Product identifier

Product Identity ASPHALT RELEASE AGENT₂₁₀
Alternate Names NA ID NO: 210.712

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

Intended use See Product Label.
Application Method See Tech Data Sheet

1.3. Details of the supplier of the safety data sheet

Company Name Hydrus Detergents
2621 7th Avenue South
Estherville, IA. 51334

1.4 Medical and Emergency Spill Information FOR MEDICAL EMERGENCY CALL 911

**FOR EMERGENCY SPILL, LEAK, FIRE, EXPOSURE
CALL 24/7** CHEMTREC (800) 424-9300
Outside U.S. (703) 527-3887

Customer Service: Hydrus Detergents PHONE: (712) 765-1060
FAX: (712) 765-1062

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Acute Tox. 4;H302 Harmful if swallowed.
Acute Tox. 5;H313 May be harmful in contact with skin. (Not adopted by US OSHA)
Eye Irrit. 2;H319 May cause serious eye irritation.

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Warning

H302 Harmful if swallowed.
H313 May be harmful in contact with skin.
H319 May cause serious eye irritation.

[Prevention]:

P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves / eye protection / face protection.

[Response]:

P301+312 IF SWALLOWED: DO NOT induce vomiting. Call doctor / physician if you feel unwell.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P330 Rinse mouth.

P337+313 If eye irritation persists: Get medical advice / attention.

[Storage]:

No GHS storage statements

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations | Weight % |
|---|----------|
| Sodium dodecylbenzenesulfonate. CAS Number: 0025155-30-0 | 10 - 30 |
| Nonylphenol polyethoxylate CAS Number: 0009016-45-9 | 01 - 10 |

4. First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

NOTES TO PHYSICIAN: All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Inhalation

If breathing is difficult move to fresh air. If symptoms persist, seek medical attention.

Eyes

Allow streaming water to flow over the face while blinking both eyes for 15 minutes for optimum irrigation. Get medical attention.

Skin

Wash off immediately. Seek medical attention if irritation persists.

Ingestion

Do NOT induce vomiting. Seek medical attention immediately.

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

Overview

IMMEDIATE CONCERNS: CAUTION: May cause eye irritation.

POTENTIAL SIDE EFFECTS:

EYES: Irritation

SKIN: Can dry out.

INGESTION: Irritation may occur.

INHALATION: NA

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYES: Irritation

SKIN: Irritation.

INGESTION: Irritation

INHALATION: NA

ACUTE TOXICITY: Eye burns, skin irritation.

See section 2 for further details.

Eyes

May cause eye irritation

Skin

May be harmful in contact with skin. (Not adopted by US OSHA)

Ingestion

Harmful if swallowed.

5. Fire-fighting measures

5.1. Extinguishing media: Use extinguishing media appropriate for surroundings. Non-Flammable.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

Respiratory and eye protection are required for fire-fighting personnel. Full protective equipment (Bunker Gear) and self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

WATER SPILL: Use appropriate containment to avoid runoff.

LAND SPILL: Use appropriate containment to avoid runoff.

RELEASE NOTES: If spill could potentially enter any waterway, including intermittent dry creeks, contact the local authorities. If in the US, contact the US Coast Guard National Response Center toll free at 800-424-8802.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

SMALL SPILL: Shut off leak if this can be done without injury. Place into a recovery unit.

LARGE SPILL: Shut off leak if this can be done without injury. Place into a recovery unit.

7. Handling and storage

7.1. Precautions for safe handling

Handle in a well ventilated area. Handle and use in a manner consistent with good industrial and/or manufacturing techniques and practices.

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Oxidizing agents, strong acids.

Store in a cool dry area. Keep container closed when not in use. Freeze/thaw stable; however container may crack if frozen.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

Industrial detergent

8. Exposure controls and personal protection

8.1. Control parameters

EXPOSURE

Carcinogen Data: No suspected or known carcinogens.

8.2. Exposure controls

Respiratory

NA

Eyes

Safety glasses or goggles.

Skin

Chemical resistant gloves.

Engineering Controls

Provide adequate ventilation.

Other Work Practices

Facilities storing or using this material should be equipped with an eyewash facility and a safety shower. Good personal hygiene practices should always be followed.

REMARKS: This product contains hazardous ingredients per OSHA 29 CFR 1910.1200. No PEL's TLV's or OEL's for this product or its ingredients are listed in the current issue of ACGIH's Guide to Occupational Exposure values nor have they been determined by the manufacturer. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

| | |
|--|--|
| Appearance | Tan Liquid |
| Odor | Mild |
| Odor threshold | Not Measured |
| pH | 2 - 4 (5% solution) |
| Melting point / freezing point | 32 F |
| Initial boiling point and boiling range | 212 F |
| Flash Point | NA |
| Evaporation rate (Ether = 1) | Not Measured |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured |
| Vapor pressure (Pa) | 23 @ 70 F |
| Vapor Density | (Air=1) 1.2 |
| Specific Gravity | 1.08 |
| Solubility in Water | Soluble |
| Partition coefficient n-octanol/water (Log Kow) | Not Measured |

| | |
|---------------------------|--------------|
| Auto-ignition temperature | NA |
| Decomposition temperature | Not Measured |
| Viscosity (cSt) | NA |
| VOC % | NA |
| Molecular Weight | NA |
| Molecular Formula | NA |
| Coeff. Oil/Water | ND |

9.2. Other information: No other relevant information.

10. Stability and reactivity

- 10.1. **Reactivity:** Hazardous Polymerization will not occur.
- 10.2. **Chemical stability:** Stable under normal ambient conditions of temperature and pressure.
- 10.3. **Possibility of hazardous reactions:** No data available.
- 10.4. **Conditions to avoid:** No data available.
- 10.5. **Incompatible materials:** Oxidizing Agents strong acids
- 10.6. **Hazardous decomposition products:** NA

11. Toxicological information

Acute toxicity

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LD50, mg/L/4hr | Inhalation Dust/Mist LD50, mg/L/4hr | Inhalation Gas LD50, ppm |
|--|-------------------------|-------------------|---------------------------------|-------------------------------------|--------------------------|
| Nonylphenol polyethoxylate – (9016-45-9) | 2,000.00 Rat-Category:4 | No data available | No data available | No data available | No data available |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification | Category | Hazard Description |
|-------------------------------|----------|---|
| Acute toxicity (oral) | 4 | Harmful if swallowed. |
| Acute toxicity (dermal) | 5 | May be harmful in contact with skin. (Not adopted by US OSHA) |
| Acute toxicity (inhalation) | --- | Not Applicable |
| Skin corrosion/irritation | --- | Not Applicable |
| Serious eye damage/irritation | 2 | May cause serious eye irritation. |
| Respiratory sensitization | --- | Not Applicable |
| Skin sensitization | --- | Not Applicable |
| Germ cell mutagenicity | --- | Not Applicable |
| Carcinogenicity | --- | Not Applicable |
| Reproductive toxicity | --- | Not Applicable |
| STOT-single exposure | --- | Not Applicable |
| STOT-repeated exposure | --- | Not Applicable |
| Aspiration hazard | --- | Not Applicable |

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|--|---------------------------|----------------------------|---|
| Nonylphenol polyethoxylate – (9016-45-9) | 1.30, Lepomis macrochirus | 4.8 Daphnia pulex | 12.00 (96 hr) Pseudokirchneriella subcapitata |

- 12.2. **Persistence and degradability:** There is no data available on the preparation itself.
- 12.3. **Bioaccumulative potential:** Not Measured.
- 12.4. **Mobility in soil:** No data available.
- 12.5. **Results of PBT and vPvB assessment:** This product contains no PBT/vPvB chemicals.
- 12.6. **Other adverse effects:** No data available.

13. Disposal considerations

13.1. Waste treatment methods: Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

| | DOT (Domestic Surface Transportation) | IMO / IMDG (Ocean Transportation) | ICAO/IATA |
|---|--|---|----------------------------------|
| 14.1. UN number | Not Applicable | Not Regulated | Not Regulated |
| 14.2. UN proper shipping name | Non-Hazardous Chemical Compound | Non-Hazardous Chemical Compound | Non-Hazardous Chemical Compound |
| 14.3. Transport hazard class(es) | DOT Hazard Class: Not Applicable DOT Label: --- | IMDG: Not Applicable Sub Class: Not Applicable | Air Class: Not Applicable |
| 14.4. Packing group | Not Applicable | Not Applicable | Not Applicable |
| 14.5. Environmental hazards | | | |
| IMDG | Marine Pollutant: No | | |
| 14.6 Special precautions for user: | No further information. | | |

15. Regulatory information

| | | | |
|---|--|--|--|
| Regulatory Overview | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. | | |
| Toxic Substance Control Act (TSCA) | All components of this material are either listed or exempt from listing on the TSCA Inventory. | | |
| WHMIS Classification | D2B | | |
| US EPA Tier II Hazards | Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): Yes Delayed (Chronic): No | | |

EPCRA 311/312 Chemicals and RQs (lbs.): Sodium dodecylbenzenesulfonate (1,000.00)

EPCRA 302 Extremely Hazardous : (No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals: (No Product Ingredients Listed)

Proposition 65 - Carcinogens (>0.0%): (No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0%): (No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins (>0.0%): (No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0.0%): (No Product Ingredients Listed)

N.J. RTK Substances (>1%): Sodium dodecylbenzenesulfonate

Penn RTK Substances (>1%): Sodium dodecylbenzenesulfonate

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

We believe this Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200, 91/155/EEC and Canadian Hazardous Products Act. We believe the information contained on this Safety Data Sheet is current and offered in good faith. The information is provided for your guidance only. Hydrus Detergents makes no warranty of any kind, express or implied, concerning the accuracy or completeness of the information and data herein. It is the user's obligation to determine the suitability of this product for a specific purpose and the conditions for safe use of the product. We reserve the right to revise this Safety Data Sheet as newer information becomes available. Hydrus Detergents makes no warranty of any kind.

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