

SAFETY DATA SHEET

Advance Ultra Degreaser

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Printed: 07/10/2015
Revision: 04/17/2015
Supersedes Revision: 03/03/2015

1. Product and Company Identification

Product Code: ADVANCE ULTRA5
Product Name: Advance Ultra Degreaser
Company Name: Haaker
2070 N. White Ave.
LaVerne, CA 91750
Phone Number: (909)598-2706

Emergency Contact: (909)721-7983

Recommended Use: Hard Surface Cleaner/Degreaser
Intended Use: For sale to, use and storage by service persons only.
Additional Information: Advance Ultra15; Advance Ultra55

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Serious Eye Damage/Eye Irritation, Category 2A
Skin Corrosion/Irritation, Category 2
Acute Toxicity: Inhalation, Category 4



GHS Signal Word: **Warning**

GHS Hazard Phrases: Harmful if swallowed.
Causes serious eye irritation.
Causes skin irritation.
Harmful if inhaled.

GHS Precaution Phrases: Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves, protective clothing, eye protection, face protection.
Take off contaminated clothing and wash it before reuse.
Use only outdoors or in a well-ventilated area.

GHS Response Phrases: If swallowed: Call a Poison Center or doctor if you feel unwell.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin (or in hair): Wash with plenty of soap and water.
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Get medical attention/advice if you feel unwell.

GHS Storage and Disposal Phrases: Store in cool dry place at room temperature away from direct sunlight.
Dispose of contents and container according to the local, city, state and federal regulations.

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Potential Health Effects (Acute and Chronic):

Inhalation: Harmful if inhaled. May cause respiratory tract irritation.

Skin Contact: Causes skin burns. Causes skin irritation.

Eye Contact: Causes eye burns. Causes eye irritation. Causes redness and pain. May cause chemical conjunctivitis and corneal damage.

Ingestion: Harmful if swallowed. Causes burns. May cause severe and permanent damage to the digestive tract. Causes gastrointestinal tract burns.

3. Composition/Information on Ingredients

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|-----------|--|---------------|
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | Proprietary |
| 111-76-2 | Ethanol, 2-Butoxy- | Proprietary |
| 1310-73-2 | Sodium hydroxide | Proprietary |
| 67-63-0 | Isopropyl alcohol | Proprietary |
| 64-02-8 | Ethylenediamine tetraacetic acid, tetrasodium salt | Proprietary |

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen.

In Case of Skin Contact: In case of contact, flush skin with plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Call a poison control center.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: N/A UEL: N/A

Autoignition Pt: NE

Suitable Extinguishing Media: Dry chemical, CO₂, alcohol-resistant foam or water spray.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

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6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.
Avoid runoff into storm sewers and ditches which lead to waterways.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid ingestion and inhalation. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use with adequate ventilation.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|-----------|--|--------------------------|-------------------------------|--------------|
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | No data. | No data. | No data. |
| 111-76-2 | Ethanol, 2-Butoxy- | PEL: 50 ppm | TLV: 20 ppm | No data. |
| 1310-73-2 | Sodium hydroxide | PEL: 2 mg/m ³ | CEIL: 2 mg/m ³ | No data. |
| 67-63-0 | Isopropyl alcohol | PEL: 400 ppm | TLV: 200 ppm STEL: 400 ppm | No data. |
| 64-02-8 | Ethylenediamine tetraacetic acid, tetrasodium salt | No data. | No data. | No data. |

Respiratory Equipment (Specify Type): Always use a NIOSH approved respirator when necessary.

Eye Protection: Chemical safety goggles.

Protective Gloves: Handle with gloves. Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Blue color liquid with solvent odor.

Melting Point: NE

Boiling Point: >= 212.00 F

Decomposition Temperature: NE

Autoignition Pt: NE

Flash Pt: NE

Explosive Limits: LEL: N/A UEL: N/A

Specific Gravity (Water = 1): 1.040

Density: 8.67 LB/GA

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Vapor Pressure (vs. Air or mm Hg): NE
Vapor Density (vs. Air = 1): NE
Evaporation Rate: NE
Solubility in Water: 100%
Saturated Vapor Concentration: NE
Viscosity: NP
pH: 11.5 - 12.5
Percent Volatile: No data.
VOC / Volume: 41.6000 G/L

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - None.

Instability:

Incompatibility - Materials To Avoid: Lead, Tin/tin oxides, Aluminum and Soft Metals. Strong oxidizing agents, Aluminum.

Hazardous Decomposition Or Byproducts: Sodium oxides, silicon oxides. Carbon monoxide, Toxic fumes of sodium oxide.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - None.

Hazardous Reactions:

11. Toxicological Information

Toxicological Information: No data available.

CAS# 6834-92-0:

Acute toxicity, LD50, Oral, Mouse, 770.0 MG/KG.

Results:

Kidney, Ureter, Bladder: Changes in tubules (including acute renal failure, acute tubular necrosis).

Kidney, Ureter, Bladder: Changes in bladder weight.

Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

- Toxicology Letters., Elsevier Science Pub. B.V., POB 211, 1000 AE, Amsterdam 1000 AE Netherlands, Vol/p/yr: 31(Suppl),, 1986

CAS# 111-76-2:

Acute toxicity, LD50, Oral, Rat, 470.0 MG/KG.

Results:

Behavioral: Somnolence (general depressed activity).

Behavioral: Muscle weakness.

- Dow Chemical Company Reports., Dow Chemical USA, Health and Environment Research, Toxicology Research Lab, Midland, MI 48640, Vol/p/yr: MSD-46,

Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H.

Results:

Behavioral: Ataxia.

Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN

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55802, Vol/p/yr: 68,405, 1983

CAS# 1310-73-2:

Acute toxicity, LD50, Intraperitoneal, Mouse, 40.00 MG/KG.

Results:

Behavioral: Somnolence (general depressed activity).

- Comptes Rendus Hebdomadaires des Seances, Academie des Sciences., For publisher information, see CRASEV, Paris France, Vol/p/yr: 257,791, 1963

CAS# 64-02-8:

Acute toxicity, LD50, Intraperitoneal, Mouse, 330.0 MG/KG.

Results:

Behavioral: Somnolence (general depressed activity).

Kidney, Ureter, Bladder:Hematuria.

Skin and Appendages: Other: Hair.

- Revue d'Epidemiologie, Medecine Sociale et Sante Publique., Masson Editeur, 120 Blvd. Saint-Germain, F-75280, Paris Cedex 06 France, Vol/p/yr: 10,391, 1962

Carcinogenicity/Other Information:

Carcinogenicity.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 111-76-2: ACGIH: A3
- Confirmed animal carcinogen with unknown relevance to humans.

California: Not listed.

NTP: Not listed.

IARC: Not listed. CAS# 1310-73-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS# 67-63-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Carcinogenicity:

NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

Results of PBT and vPvB assessment:

CAS# 111-76-2:

LC50, Brine Shrimp (*Artemia salina*), nauplii, 1000000. UG/L, 24 H, Mortality, Water temperature: 24.00 C C.

Results:

Morphological changes.

- Brine Shrimp Bioassay and Seawater BOD of Petrochemicals, Price, K.S., G.T. Waggy, and R.A. Conway, 1974

CAS# 1310-73-2:

LC50, Western Mosquitofish (*Gambusia affinis*), adult(s), 125000. UG/L, 24 H, Mortality, Water temperature: 22.00 C - 24.00 C C, pH: 9.00.

Results:

No loss of equilibrium observed.

- Toxicity to *Gambusia affinis* of Certain Pure Chemicals in Turbid Waters, Wallen, I.E., W.C. Greer, and R. Lasater, 1957

CAS# 64-02-8:

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Not reported., Green Algae (*Scenedesmus quadricauda*), 11000. UG/L, Population,
Water temperature: 27.00 C C, pH: 7.00.

Results:

No observed effect.

- Limiting Values for the Damaging Action of Water Pollutants to Bacteria (*Pseudomonas putida*) and Green Algae (*Scenedesmus quadricauda*) in the Cell Multiplication Inhibition Test, Bringmann, G., and R. Kuhn, 1977

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: NOT REGULATED FOR DOMESTIC TRANSPORT.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|-----------|--|--------------|-------------|---------------|
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | No | No | No |
| 111-76-2 | Ethanol, 2-Butoxy- | No | No | Yes-Cat. N230 |
| 1310-73-2 | Sodium hydroxide | No | Yes 1000 LB | No |
| 67-63-0 | Isopropyl alcohol | No | No | Yes |
| 64-02-8 | Ethylenediamine tetraacetic acid, tetrasodium salt | No | No | No |

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|-----------|--|---|
| 6834-92-0 | Silicic acid (H ₂ SiO ₃), Disodium salt | CA PROP.65: No; CA TAC, Title 8: No |
| 111-76-2 | Ethanol, 2-Butoxy- | CA PROP.65: No; CA TAC, Title 8: TAC, Title 8 |
| 1310-73-2 | Sodium hydroxide | CA PROP.65: No; CA TAC, Title 8: TAC, Title 8 |
| 67-63-0 | Isopropyl alcohol | CA PROP.65: No; CA TAC, Title 8: TAC, Title 8 |
| 64-02-8 | Ethylenediamine tetraacetic acid, tetrasodium salt | CA PROP.65: No; CA TAC, Title 8: No |

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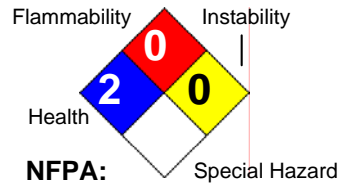
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16. Other Information

Hazard Rating System:

| | |
|--------------|---|
| HEALTH | 2 |
| FLAMMABILITY | 0 |
| PHYSICAL | 0 |
| PPE | B |

HMIS:



Revision Date:

04/17/2015

Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.