

# MSDS Material Safety Data Sheet

## ATLAS

MSDS Number: 2145

**ATLAS EASY LIFT S**Page 1 of 5  
Revision Date: 6/16/2010**1****PRODUCT AND COMPANY IDENTIFICATION****Manufacturer**

ATLAS TECH PRODUCTS

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Product Name: Atlas Easy Lift S  
Revision Date: 6/16/2010  
MSDS Number: 2145  
Product Code: Atlas Easy Lift S  
Product Use: Concrete Bondbreaker**2****COMPOSITION/INFORMATION ON INGREDIENTS****Chemical characterization****Description:** Mixture of hazardous ingredients listed below and nonhazardous ingredients.

| Dangerous Components     | CAS#       | PERCENT |
|--------------------------|------------|---------|
| Naphtha, Solvent         | 8052-41-3  | 60-80%  |
| Aromatic 100 Hydrocarbon | 64742-9566 | 5-20 %  |

None of the remaining components are considered a Hazardous Material or carcinogen OSHA Hazard Communication (1900.1200) (d) (4).

Warning: Aromatic 100 contains trace amounts of a chemical known to the State of California to cause cancer/birth defects or other reproductive harm. (California Proposition 65)

**Additional Information:** For the wording of the listed safety phrases refer to section 16.**3****HAZARDS IDENTIFICATION****NFPA ratings (scale 0-4)**Health = 2  
Fire = 2  
Reactivity = 0**HMIS III ratings (scale 0-4)**Health = 2  
Fire = 2  
Physical Hazard = 0**HMIS II ratings (scale 0-4)**Health = 2  
Fire = 2  
Reactivity = 0

| Aromatic 100 Hydrocarbon CAS#64742-95-6 |                                    |
|---|------------------------------------|
| Trimethylbenzene                        | OSHA TWA 25ppm (125mg/m3)          |
|   | ACGIH TWA 25ppm (125mg/m3)         |
| Xylene                                  | OSHA TWA 100 ppm (435mg/m3)        |
|   | OSHA STEL 150 ppm (655 mg/m3)      |
|   | ACGIH TWA 25ppm (125 mg/m3)        |
| Cumene                                  | OSHA TWA 50 ppm (245 mg/m3) (skin) |

| Naphtha Solvent (Mineral Spirits) CAS#8052-41-3 |                             |
|---|-----------------------------|
| Stoddard Solvent                                | OSHA TWA 500 ppm            |
|   | ACGIH TWA 100 ppm           |
| Nonane, all isomers                             | OSHA TWA 200 ppm            |
|   | ACGIH TWA 200 ppm           |
| Trimethylbenzene (mixed isomers)                | OSHA TWA 25 ppm (125mg/m3)  |
|   | ACGIH TWA 25 ppm (125mg/m3) |

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## FIRST AID MEASURES

**After inhalation:** If overexposure occurs, remove victim to fresh air. If breathing stops, administer artificial respiration. Seek immediate medical attention.

**After skin contact:** Remove contaminated clothing as soon as possible. Wash exposed skin thoroughly with soap and water. If irritation persists, consult a physician. Launder contaminated clothing before reuse. Extremely contaminated leather shoes should be discarded.

**After eye contact:** Flush eyes with plenty of water for at least 15 minutes. If necessary, gently hold open eyelids during the flush. Immediately seek medical attention.

**After swallowing:** If a large amount of material is swallowed, do not induce vomiting. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs. Immediately consult a physician. Do not attempt to give liquid to an unconscious person.

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## FIRE FIGHTING MEASURES

**Flash Point:** 120°F  
**Flash Point Method:** Tag Closed Cup  
**Burning Rate:** No data available  
**Autoignition Temperature:** No data available  
**LEL:** 0.7%  
**UEL:** 6.5%  
**Flammability Classification:** Class II Combustible Liquid

**Special Fire Fighting Procedures:** None.

Avoid breathing smoke. NFPA Class B-C fire extinguisher (dry chemical, foam or carbon dioxide). Water spray may be ineffective on fire but can protect fire fighters and cool closed containers. Avoid spraying directly into containers to prevent boilover. Explosion hazard when exposed to heat and flame. Vapor is heavier than air and can travel a considerable distance to a source of ignition and flashback.

Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; containers may explode and cause injury or death.

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## ACCIDENTAL RELEASE MEASURES

**Small spills:** Eliminate all ignition sources. Contain with earthen dike or petroleum absorbent material. Remove with grounded suction pump to a salvage container. Remove all absorbent and contaminated materials.

**Large spills:** For large spills, dike far ahead of liquid for later disposal. Do not release into sewers or waterways.

Cleanup: Remove all absorbent and contaminated materials.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until cleanup has been completed.

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## HANDLING AND STORAGE

**Handling:**

**Information for safe handling:** For professional use only. Avoid eye/skin contact. Wash after using and before eating or smoking. Avoid breathing vapors. Use as directed. Avoid uncontrolled mixing with oxidizers. Respiratory protection is required when ventilation is inadequate. NIOSH/OSHA approved respirators should be provided and worn.

**Storage:** Store in a cool/dry location. Store away from sparks and open flame.

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five gallon pails and larger metal containers, including totes and tank trucks, should be grounded and/or bonded when material is transferred. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a sufficiently high level, sparks can form that may ignite the vapors or mists from process equipment operating at elevated temperature and pressure, or sudden ingress of air into vacuum equipment, may result in ignition without the presence of obvious ignition sources.

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## EXPOSURE CONTROLS/PERSONAL PROTECTION

**General protective and hygienic measures:** HMIS PP, B: Goggles, Gloves

**Ventilation:** Provide general or local exhaust systems to maintain airborne concentrations below OSHA PEL's. Local exhaust ventilation is preferred because it prevents contaminant dispersion into work areas by controlling it at its source.

**Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear NIOSH/OSHA approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen.

**Protective Clothing/Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your work shoes and clean personal protective equipment.

**Other Precautions:** Never eat, drink or smoke in work areas.

**Route of Entry:** Eyes, Skin, Ingestion, Inhalation

**Target Organs:** None known

**Inhalation:** May cause irritation to nose and throat.

**Skin Contact:** May cause irritation and dermatitis. Prolonged or repeated contact can cause defatting.

**Eye Contact:** Can cause severe irritation, redness, tearing, blurred vision.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal if swallowed.

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## PHYSICAL AND CHEMICAL PROPERTIES

## General Information

|   |                    |
|---|--------------------|
| Form:   | Liquid             |
| Color:  | Light Red          |
| Odor:   | Hydrocarbon Naptha |
| pH:   | No data available  |
| Change in condition                           |                    |
| Freezing/Melting Point:                       | 32°F / NA          |
| Boiling Point:                                | 300°F              |
| Flash point:                                  | 120°F              |
| Flash point method:                           | Tag Closed Cup     |
| Vapor pressure at 100 °F                      | 11 mm/Hg           |
| Density at Air =1                             | 4                  |
| Solubility:                                   | Negligible         |
| Specific Gravity/ Density(H <sub>2</sub> O=1) | 0.82               |
| Evaporation Rate:(Butyl Acetate =1)           | Estimated 0.15     |
| VOC:  | 700g/L             |

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## STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                            | Stable.  |
| <b>Conditions to be avoided:</b>             | Heat and open flame.   |
| <b>Materials to avoid (incompatibility):</b> | Strong oxidizers.  |
| <b>Hazardous Decomposition products:</b>     | Can form carbon dioxide, carbon monoxide and other petroleum decomposition byproducts. |
| <b>Hazardous Polymerization:</b>             | Will not occur.  |

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## TOXICOLOGICAL INFORMATION

|                             |   |
|-----------------------------|---|
| <b>Acute Studies:</b>       | Tests on similar material show low order of acute oral and dermal toxicity. |
| <b>Eye Effect:</b>          | Minimal irritation on contact.  |
| <b>Accute Oral Effects:</b> | Tests on similar material indicates low order of acute oral toxicity.       |

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## ECOLOGICAL INFORMATION

Toxic to aquatic organisms. Do not allow product to reach ground water, water course or sewage system, even in small quantities.

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## DISPOSAL CONSIDERATIONS

Consult municipal authorities, landfill personnel, and/or disposal companies for details prior to any disposal activity. Always follow Local, State and Federal regulations.

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## TRANSPORT INFORMATION

|   |  |
|---|--|
| <b>Proper Shipping Name (DOT):</b>            | Combustible Liquid N.O.S. NA1993, PGIII                                      |
| <b>Proper Shipping Name (by air or water)</b> | Flammable Liquid N.O.S. UN1993, PGIII  |
| <b>Hazard Class:</b>                          | Combustible Liquid N.O.S.  |
| <b>ID No:</b>                                 |  |
| <b>Packing Group:</b>                         | PGIII  |
| <b>Label:</b>                                 |  |
| <b>Limited Quantity Exemption:</b>            |  |
| <b>US Domestic Ground Shipments:</b>          | Combustible Warning when packaged in containers holding 119 gallons or more. |
| <b>Maritime Transport:</b>                    | Flammable Warning Placards   |
| <b>Air Transport:</b>                         | Flammable Warning Placards   |
| <b>Placards: (Combustible)</b>                | Required when packaged in containers holding 119 gallons or more.            |
| <b>Placards: (Flammable)</b>                  | Required only when shipping 1,000 lbs or more by air or water.               |

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## REGULATORY INFORMATION

This MSDS has been prepared in accordance with federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

HMIS Codes: Health (2) Flammability (2) Reactivity (0) PPE (B)

Aromatic 100 Hydrocarbon is listed on TSCA Inventory as a UVCB (Unknown Variable Composition, or Biological) chemical at CAS Registry Number 64742-95-6.

**CERCLA**

This product is classified as an oil under Section 311 of the Clean Water Act (40 CFR 110) and the Oil Pollution Act of 1990. Discharge or spills which produce a visible sheen on either surface water, or in waterways/sewers which lead to surface water, must be reported to the National Response Center at (800) 424-8802.

This product, as sold, is derived from a fraction of crude oil and is excluded from the spill reporting requirement by CERCLA Section 101 (14) (f). This product as a mixture is excluded from and may terminate and an accidental spill may require reporting to the National Response Center. This product contains approximate 1.5% Xylene. The reportable quantity of Xylene is 100 pounds. This product contains approximately 1% of Cumene. The reportable quantity of Cumene is 5,000 pounds.

**California Proposition 65:** This product contains trace amounts of a chemical known to the State of California to cause cancer/ birth defects or other reproductive harm.

**SARA TITLE III:** Under the provisions of Title III, Section 311/312 of the Superfund Ammendments and Reauthorization Act, this product is classified into the following hazard categories: Delayed Health and Fire.

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This information may be subject to the provisions of the community Right-to-Know Reporting Requirements (40 CFR 370) if threshold quantity criteria are met.

This product contains the following Section 313 Reportable Ingredients:

|                        |                |               |
|------------------------|----------------|---------------|
| 1,2,4-Trimethylbenzene | CAS# 95-63-6   | Maximum 16%   |
| Xylene                 | CAS# 1330-20-7 | Maximum 1.5%  |
| Cumene                 | CAS# 98-82-8   | Maximum 0.75% |

All components of this product are listed on the Toxic Substance Inventory or are excluded from listing requirements.

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#### OTHER INFORMATION

The product has been classified and marked in accordance with directives on hazardous materials.

##### Safety Phrases:

Avoid exposure-obtain special instructions before use.

Keep out of reach of children.

Keep container closed until ready to use.

Keep container in a well ventilated place.

Keep away from food, drink and animal feed.

Keep away from sources of ignition - no smoking.

When using do not eat or drink.

Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. In case of accident or if you feel unwell, seek medical advice immediately.

Avoid using indoors without ventilation (industrial and professional use only).

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