

MSDS Material Safety Data Sheet

ATLAS

MSDS Number: 2155

ATLAS CITRUS CLEANER

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Revision Date: 8/23/11

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

ATLAS TECH PRODUCTS

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San Diego, CA 92111

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Product Name: Atlas Citrus Cleaner
MSDS Number: 2155
Product Code: Atlas Citrus Cleaner
Product Use: Cleaner & Degreaser

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COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Description:

CAS#	Chemical Name	Percent
5989275	Citrus Distillates	> 95%
NE		> 5%

None of the remaining components are considered a Hazardous Material or Carcinogens (1910.1200 Hazard Communication (d) (4)).

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HAZARDS IDENTIFICATION

Hazard description: Not applicable.

Classification system:

The classification system was made according to the latest editions of international substances lists, and expanded upon from company and literature data.



NFPA ratings (scale 0-4)

Health = 1
Fire = 2
Reactivity = 0

HMIS II ratings (scale 0-4)

Health = 1
Fire = 2
Reactivity = 0

HMIS III ratings (scale 0-4)

Health = 1
Fire = 2
Physical Hazard = 0

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FIRST AID MEASURES

After inhalation: Remove to fresh air. If discomfort persists, get medical attention.

After skin contact: May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Additional symptoms of skin contact may include: allergic skin reaction (delayed skin rash which may be followed by blistering, scaling and other skin effect). Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

After eye contact: May cause eye irritation. Symptoms include stinging, tearing, and redness. Flush with fresh water for 15 minutes while gently holding open eyelids.

After swallowing: Swallowing small amount of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

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FIRE FIGHTING MEASURES

Flash Point: 120°F

Flash Point Method: Pensky Martens Closed Cup

Burning Rate: No data available

Autoignition Temperature: No data available

LEL: NE

UEL: NE

Flammability Classification: Moderate

Special Fire Fighting Procedures: NFPA Class B fire extinguisher (Co2, dry chemical, or foam) for class 1-C fires. Water spray may be ineffective on fire but can protect fire-fighters and cool closed containers. Use fog nozzles if water is used. Use air supplied breathing masks. Unusual Fire and Explosion Hazards: Keep away from heat and open flame. Closed container may explode if exposed to extreme heat.

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ACCIDENTAL RELEASE MEASURES

Small spills: Absorb liquid with vermiculite floor absorbent or other absorbent material.

Large spills:

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area or spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If run-off occurs, notify authorities as required.

Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Prevent run-off to sewers, streams or other bodies of water.

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HANDLING AND STORAGE

Handling:

Information for safe handling: 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.

Storage: Industrial use only! Store away from sparks and flames. Store in a cool/dry area. DO NOT STORE ABOVE 120°F. Store away from oxidizers. Keep out of reach of children.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment: HMIS PP, C | Goggles, Gloves, Apron

Respiratory Protection: NIOSH approved respirator for emergency use. Local exhaust is preferable. Mechanical equipment is also acceptable. Protective gloves; must not dissolve in solvents. Eye protection use splash proof safety goggles. Other equipment as required to prevent prolonged contact.

Note to physicians: Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions).

This material is not listed by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

Route of Entry: Eyes, Skin, Ingestion, Inhalation

Target Organs: Exposure to this material (or a component) has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rats and the kidney effects are not expected to occur in humans.

Inhalation: Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

Skin Contact: May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Additional symptoms of skin contact may include: allergic skin reaction (delayed skin rash which may be followed by blistering, scaling and other skin effects) Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Eye Contact: May cause mild eye irritation. Symptoms include stinging, tearing and redness.

Ingestion: Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful.

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PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form:	Liquid
Color:	Clear water-white to slightly orange
Odor:	Orange Citrus
pH:	No data available
Change in condition	
Freezing Point:	Varies on concentration
Boiling Point:	348-350°F
Flash point:	120°F
Flash point method:	Pensky Martens Closed Cup Method
Vapor pressure at 20 °C	1.0 mm/Hg
Vapor Density:	4.73
Solubility:	Moderate
Specific Gravity/ Density(H ₂ O=1)	ND
Evaporation Rate:(Butyl Acetate =1)	Slower than ether.
VOC:	100%

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STABILITY AND REACTIVITY

Stability:	Stable
Conditions to to be avoided:	Heat, sparks and open flame.
Materials to avoid (incompatibility):	Isolate from strong oxidizers such as permanganate.
Hazardous Decomposition products:	Carbon Dioxide and Carbon Monoxide.
Hazardous Polymerization:	Will not occur.

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TOXICOLOGICAL INFORMATION

No data available.

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ECOLOGICAL INFORMATION

No data available.

13**DISPOSAL CONSIDERATIONS**

Dispose in accordance with all applicable Local, State and Federal regulations.

14**TRANSPORT INFORMATION**

DOT Class: Combustible Liquid N.O.S.

Transportation Information: DOT Classification NA 1993, PGIII

Combustible Placards required only when packaged in containers holding 119 gallons or more (CFR 172.101).

15**REGULATORY INFORMATION**

US Federal Regulations

TSCA (Toxic Substance Control Act) Status: TSCA (United States) The international ingredients of this product are listed.

CERCLA RQ - 40 CFR 302.4 (a) - None listed.

SARA 302 Components - 40 CFR 355 Appendix A - None

SARA 311/312 Hazard Class - 40 CFR 370.2

Immediate (x) Delayed () Fire (x) Reactive () Sudden Release of Pressure ()

SARA 313 Components - 40 CFR 372.5 - None

OSHA Process Safety Management 29 CFR 1910 - None listed

EPA Accidental Release Prevention 40 CFR 69 - None Listed

California Proposition 65 - None

16**OTHER INFORMATION**

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