

HASTINGS CASITE HD ENGINE DEGREASER

9-28-2020: Reviewed file, more current MSDS/SDS not available. JMC

MATERIAL SAFETY DATA SHEET**1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME(S) **CASITE HD ENGINE DEGREASER**
PRODUCT NUMBER **C221, C221S**
MANUFACTURED The Casite Company

MANUFACTURER 530 Stephenson Highway
Troy, MI 48083 U.S.A.
Phone: 248-585-6900

24 HOUR EMERGENCY 800-255-3924
PHONE For International Shipments call AT&T Collect at (813)248-0585

2. COMPONENT INFORMATION**OSHA HAZARDOUS INGREDIENTS TABLE**

CHEMICAL	CAS #	OSHA PEL	ACGIH TLV	
Carbon dioxide	124-38-9	5000 ppm	5000 ppm	1.00% - 5.00%
Petroleum Distillate	64742-47-8	500 ppm	NOT EST.	60.00% - 100.0%
*2-Butoxyethanol	111-76-2	25 ppm (skin)	25 ppm (skin)	1.00% - 5.00%

* Indicates ingredients which are subject to the reporting requirements of Section 313 of EPCRA and 40 CFR 372.

3. HAZARDS IDENTIFICATION

HMIS RATING: Health 2, Flammability 3, and Reactivity 0

NFPA RATING: Toxicity 2, Flammability 3, and Reactivity 0

HEALTH EFFECTS

Inhalation High concentrations of vapors may irritate nose and throat and cause symptoms of intoxication such as dizziness, nausea, headache.

Eye Contact Direct spray or vapors will irritate and may harm eyes.

Skin Contact Product may cause irritation due to defatting of skin.

Ingestion Causes irritation, narcosis, and liver and kidney damage.

PRIMARY ROUTES OF EXPOSURE: Inhalation, Eyes, and Skin

CONDITIONS AGGRAVATED BY EXPOSURE: None known.

ANY INGRED. LISTED CARCINOGEN: OSHA Not listed. IARC Not listed. NTP Not listed.

4. FIRST AID INFORMATION

Inhalation Remove victim to fresh air. Apply artificial respiration if needed. Get medical attention.

Eye Contact Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact Remove contaminated clothing and wash skin with soap and water. Get medical attention if irritation persists.

Ingestion If swallowed, do NOT induce vomiting. Drink water or milk. Get medical attention immediately.

5. FIRE AND EXPLOSION INFORMATION

Extinguisher Media

Foam, Dry Chemical (B-C), CO₂

Flammability per Flame Projection Test

Flammable

SPECIAL FIRE FIGHTING PROCEDURES: Keep containers cool using water spray to avoid bursting.

UNUSUAL HAZARDS: Contents under pressure. Do not use near fire, sparks, or flame. Do not puncture or

incinerate container. Exposure to temperatures above 120°F may cause container to burst.

6. ACCIDENTAL RELEASE MEASURES

PROCEDURES FOR CLEANING UP LEAKS AND SPILLS: Absorb spill with inert material then place in a chemical waste container. Dispose of spill material in accordance with regulations.

7. HANDLING AND STORAGE INFORMATION

HANDLING: Use with adequate ventilation.

STORAGE: Do not use or store near fire, sparks, or flame. Do not puncture or incinerate container.

Exposure to temperatures above 120°F may cause container to burst.

DISPOSAL: This container may be recycled in aerosol recycling centers. Before offering for recycling, empty the can by using the product according to the label. DO NOT PUNCTURE! If recycling is not available, wrap the container and discard in the trash. Dispose of unused product in accordance with regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

See Section 2 for applicable exposure limits.

ENGINEERING CONTROLS: Maintain adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT: Use respirator only as a last resort to control exposure.

Wear chemical resistant GLOVES if repeated skin contact occurs or causes irritation.

Wear SAFETY GLASSES or GOGGLES to prevent eye contact.

9. PHYSICAL PROPERTIES

Physical State

Mixture packaged in pressurized aerosol spray can.

Appearance and Odor(Concentrate)

Clear liquid with solvent odor.

Specific Gravity (Concentrate)

0.84 g/mL

Solubility in Water

Insoluble

pH

N/A

Boiling Point

Not Established

% VOC

46%

10. STABILITY AND REACTIVITY INFORMATION

STABILITY: Product is stable.

CONDITIONS TO AVOID: Do not use or store near fire, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 120°F may cause container to burst.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Avoid contact with strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Eyes: Primary Eye Irritation Index (rabbits): Maximum average score -3.0 after one hour (maximum score is 110)

Skin: Primary Skin Irritation Index (rabbits): 1.2 (Maximum score is 8.0)

Acute Dermal LD₅₀ (rabbits): 2.0 – 4.0 g/kg for LPA Solvent

Inhalation: No Toxicity observed in rats exposed for four hours to 2mg/l

Ingestion: Acute Oral LD₅₀ (rat): >5g/kg

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: LC50 – 96 hr Aquatic toxicity rating is believed to be >1.00 – 10.00 ppm (moderately toxic)

Chemical Fate Information: Inherently biodegradable

13. DISPOSAL INFORMATION

Absorb spill with inert material then place in a chemical waste container. Dispose of in accordance with local, state, and federal regulations. Dispose of spill material in accordance with local, state or federal regulations.

14. TRANSPORTATION INFORMATION

DOT DESCRIPTION: Consumer Commodity, ORM-D UN1950

FOR IMO (OCEAN): AEROSOLS, CLASS 2, UN 1950, LIMITED QUANTITY

FOR IATA (AIR): AEROSOLS, FLAMMABLE, CLASS 2.1, UN 1950

15. REGULATORY INFORMATION

WARNING: This product contain a chemical(s) known to the state of California to cause cancer/ reproductive harm.

We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.

16. OTHER INFORMATION

- A. Original date issued: October 21, 2003
- B. Prepared by: VB-APL
- C. Revision date: February 10, 2006