

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**

<u>CHEMICAL</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	
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

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