

MATERIAL SAFETY DATA SHEET

BIRCHWOOD CASEY®
CLEANER DEGREASER

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DATE REVISED: 04/19/13
REVISION MSDS NO. 6

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BIRCHWOOD CASEY® CLEANER DEGREASER

PRODUCT PART NUMBERS: 16225, GC11

MANUFACTURED BY: BIRCHWOOD CASEY LLC

7887 Fuller Road

Eden Prairie, MN 55344 USA

Product Information Telephone Number: (952) 388-6717 (8:00-4:00pm CST)

Fax Number: (952) 388-6718

www.birchwoodcasey.com

24 HOUR TRANSPORTATION EMERGENCY NUMBER: CHEMTREC 800-424-9300 U.S. & CANADA
703-527-3887 INTERNATIONAL (Collect)

24 HOUR POISON CONTROL EMERGENCY NUMBER: 866-291-7152 U.S. & CANADA

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **WARNING!** Harmful if inhaled or swallowed. Irritating to eyes, skin, upper respiratory tract.

APPEARANCE/ODOR: Pink liquid with no odor

EYE CONTACT: Irritation upon direct contact. Symptoms may include stinging, tearing, redness and swelling.

SKIN CONTACT: Mildly irritating. Prolonged or repeated skin contact can result in defatting, drying of the skin, possible sensitization with certain individuals. Symptoms may include redness, stinging.

INGESTION: Irritation to the gastrointestinal tract. This material can enter the lungs during swallowing or vomiting and cause lung damage.

INHALATION: Inhalation may cause irritation to the respiratory tract (nose, throat and lungs).

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description	CAS #	Weight %	OSHA PEL* TWA	OSHA PEL STEL/C	ACGIH TLV TWA	ACGIH TLV STEL/C
Modified Alkanolamide	8051-30-7	< 5	NE	NE	NE	NE
Sodium Tetraborate	1303-96-4	< 2	NE	NE	2 mg/m ³ (D)	6 mg/m ³ -STEL
Pyrophosphoric Acid, Disodium Salt	7758-16-9	< 2	NE	NE	NE	NE
Sodium xylenesulfonate	1300-72-7	< 2	NE	NE	NE	NE
Water	7732-18-5	> 89	NE	NE	NE	NE

TWA – Time-weighted Average STEL – Short-term exposure limit C – Ceiling I – Inhalable Fraction (skin) – skin designation means that harmful amounts may be absorbed through the skin

* Certain States enforce PELs that were in place in 1989, but were later removed by the U.S. Supreme Court. Check with your State OSHA to determine which PEL is enforced in your State.

NE = not established NA = not applicable NDA = no data available

4. FIRST AID MEASURES

EYE CONTACT: Flush immediately with clean water. Continue for at least 15 minutes. Seek medical attention if necessary.

SKIN CONTACT: Remove contaminated clothing to avoid prolonged contact. Wash affected areas with water. Seek medical attention if irritation develops.

INGESTION: Call Poison Control Center immediately. DO NOT induce vomiting. If victim is conscious, give 1 – 2 glasses of water.

INHALATION: Remove from exposure. Seek medical attention if necessary if breathing is difficult. Seek medical attention if symptoms of overexposure develop or persist.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: None

METHOD USED: NA

FLAMMABLE LIMITS LFL: NDA

UFL: NDA

EXTINGUISHING MEDIA: Water, carbon dioxide.

FIRE & EXPLOSION HAZARDS: NDA

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear approved SCBA and full turn-out gear.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear recommended protective equipment. Recover as much free liquid as possible and collect in alkali-resistant container. Use absorbent to pick up residue. Neutralize residue with dilute solutions of phosphoric/sulfuric or hydrochloric acid. Avoid discharging liquid directly into a sewer or surface waters.

Review current local, state and federal laws, codes, statutes, and regulations to determine appropriate agencies to be notified, and the conditions under which they are to be notified. (See Section 13 for waste disposal comments).

7. HANDLING AND STORAGE

HANDLING: Avoid breathing mists or dust. Avoid eye and skin contact. Wear protective equipment when handling product.. Keep container tightly closed. Keep out of the reach of children.

STORAGE: Store in cool, dry area. Keep containers covered when not in use.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use a NIOSH approved respirator (Full or half-face N95 cartridge type) as needed.

EYE PROTECTION: safety glasses with side shields, or goggles

PROTECTIVE GLOVES: neoprene or nitrile

BODY PROTECTION: NDA

VENTILATION: Use general/dilution or local exhaust ventilation as needed.

OTHER PROTECTIVE EQUIPMENT: Eyewash and emergency shower

NOTE: All PPE should be selected on the basis of an exposure assessment performed by a competent person.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 212 °F

VAPOR PRESSURE: NDA

VAPOR DENSITY: (Air = 1): > 1

SOLUBILITY IN WATER: Miscible

APPEARANCE: Pink liquid

SPECIFIC GRAVITY: (Water = 1): 1.012

VOLATILE BY VOLUME: NA

EVAPORATION RATE: (Ethyl Ether = 1): > 1

pH: 9.0

ODOR: No odor

10. STABILITY AND REACTIVITY

STABILITY: Stable.

CONDITIONS TO AVOID: Avoid high temperatures and ignition sources.

INCOMPATIBILITY (materials to avoid): Strong oxidizers, acids

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide, carbon dioxide, nitrogen and sulfur oxides

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

There is no product based toxicological information for this product. Toxicology information is provided based on individual ingredients.

LD_{50s}, oral, 2660 mg/kg Sodium Tetraborate

TARGET ORGANS: Eyes, skin, lungs (irritant).

Medical conditions that may be aggravated by exposure: Pre-existing skin, eye, respiratory, CNS, liver disease.

Carcinogenicity: IARC: None NTP: None OSHA: None

12. ECOLOGICAL INFORMATION

ECOTOXICITY: NDA

ENVIRONMENTAL FATE: NDA

13. DISPOSAL CONSIDERATIONS

Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be dealt with by a licensed facility or waste hauler.

14. TRANSPORT INFORMATION

D.O.T. HAZARDOUS MATERIALS DESCRIPTION AND PROPER SHIPPING NAME:

Not Regulated

15. REGULATORY INFORMATION

TSCA (TOXIC SUBSTANCES CONTROL ACT): the materials in this product are listed on the TSCA Inventory.

CERCLA (Comprehensive Response compensation and Liability Act, 40 CFR 117, 302: Reportable Quantities: NDA

SARA TITLE III (Superfund Amendments and Authorization Act):

Section 311/312:

Immediate Health Effects: Yes

Delayed Health Effects: Yes

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactivity Hazard: No

Section 313 Reportable Ingredients:

STATE "RIGHT-TO-KNOW": This product may contain components cited on certain state lists. Consult with your individual State regarding this product's components.

16. OTHER INFORMATION

National Fire Protection Association (NFPA): Health: 1 Flammability: 0 Reactivity: 0

The data here is for hazard communication to our employees, our customers and their employees, and authorized regulatory agencies. For the intended purpose, this MSDS (Material Safety data Sheet) may be duplicated or the data transcribed to an alternative form.

NOTE: The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, BIRCHWOOD CASEY LLC makes no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular period.

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FOR ASSISTANCE WITH PLACING ORDERS:

- Product Pricing / Payment Terms
- Shipping and Tracing of Shipments
- Sales Rep Locations

Call our Sales Department (952) 388-6717

Or 1-800-746-6862 or Fax (952) 388-6718

FOR PRODUCT USAGE ASSISTANCE

- Questions on Operation of Products
- Solving Finishing Problems
- Operator Safety and Pollution Control

Call our Customer Service Desk (952) 388-6707

Or 1-800-746-6862 or Fax (952) 388-6708