# **Material Safety Data Sheet**



CLEAN FORCE GENERAL PURPOSE CLEANER AND DEGREASER RTU

## Section 1. Chemical product and company identification

CLEAN FORCE GENERAL PURPOSE CLEANER AND DEGREASER RTU Trade name

**Product use** All Purpose Cleaner : Puritan Services Inc. Supplier 655 Lone Oak Drive

Eagan MN 55121 1-800-275-8914

Code : 911110

Date of issue 26-October-2005

> **EMERGENCY HEALTH INFORMATION: 1-800-328-0026** Outside United States and Canada CALL 1-651-222-5352 (in USA)

## Section 2. Composition, Information on Ingredients

**CAS** number % by weight Name 2-butoxyethanol 111-76-2 1 sodium hydroxide 1310-73-2 <1

### **Section 3. Hazards identification**

**Physical state Emergency** 

overview

: Liquid. (Liquid.) : WARNING!

CAUSES EYE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION.

Avoid contact with skin and clothing. Avoid breathing vapor or mist. Keep container closed.

Use only with adequate ventilation. Wash thoroughly after handling.

Potential acute health effects

**Eves** : Irritating to eyes. Skin : Irritating to skin.

Inhalation : Moderately irritating to the respiratory system. : No known significant effects or critical hazards. Ingestion

See toxicological Information (section 11)

### Section 4. First aid measures

Eye contact In case of contact, immediately flush eyes with cool running water. Remove contact lenses and

continue flushing with plenty of water for at least 15 minutes. Get medical attention if irritation

persists.

: Wash with soap and water. Get medical attention if irritation occurs. Wash clothing before Skin contact

reuse.

Inhalation : If inhaled, remove to fresh air.

: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by Ingestion

mouth to an unconscious person. If large quantities of this material are swallowed, call a

physician immediately.

## Section 5. Fire fighting measures

Flash point

: > 100°C

Fire hazards in presence of various substances

: Because of the large amount of water contained in the product, the product might

be combustible only after partial or complete evaporation.

Fire fighting media and

: Use an extinguishing agent suitable for surrounding fires.

instructions

Dike area of fire to prevent product run-off.

No specific hazard.

Special protective equipment:

for fire-fighters

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full facepiece operated in positive pressure

## Section 6. Accidental release measures

Personal precautions Ventilate area of leak or spill. Do not touch damaged containers or spilled material unless wearing appropriate protective equipment (Section 8). Stop leak if without risk. Prevent entry into sewers, water courses, basements or confined areas.

Environmental precautions Methods for cleaning up

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and

: If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.-

## Section 7. Handling and storage

Handling : Avoid contact with eyes, skin and clothing. Do not add water directly to product. Slowly stir

product into water. Keep container closed. Use only with adequate ventilation. Avoid breathing

vapor or mist. Wash thoroughly after handling.

**Storage** : Keep out of the reach of children. Keep container tightly closed. Keep container in a cool, well-

ventilated area.

Store between 0 and 50°C

## Section 8. Exposure Controls, Personal Protection

**Engineering** controls

: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

Personal protection

**Eves** : Use safety evewear designed to protect against splash of liquids. Hands : For prolonged or repeated handling, use Impervious gloves. : No protective equipment is needed under normal use conditions. Skin

Respiratory

: Avoid breathing vapor or mist. **Exposure limits** 

2-butoxyethanol

Name

ACGIH TLV (United States, 1/2004). TWA: 20 ppm 8 hour(s). Form: All forms OSHA PEL (United States, 8/1997). Skin TWA: 240 mg/m<sup>3</sup> 8 hour(s). Form: All forms TWA: 50 ppm 8 hour(s). Form: All forms

## Section 9. Physical and chemical properties

Physical state : Liquid. (Liquid.) fluorescent (Light.) Color

Odor citrus : 12.1 (100%) Specific gravity : 1.032 (Water = 1)

## Section 10. Stability and reactivity

Stability : The product is stable.

## Section 11. Toxicological information

#### Potential acute health effects

**Eyes** : Irritating to eyes. : Irritating to skin. Skin

Inhalation : Moderately irritating to the respiratory system. : No known significant effects or critical hazards. Ingestion

#### Potential chronic health effects

#### CLEAN FORCE GENERAL PURPOSE CLEANER AND DEGREASER RTU

Chronic effects on humans

Contains material which causes damage to the following organs: blood, kidneys, liver, lymphatic system, upper respiratory tract, skin, central nervous system (CNS), eye, lens

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or cornea.

## Section 12. Ecological information

Products of degradation : These products are carbon oxides (CO, CO<sub>2</sub>) and water.

## Section 13. Disposal considerations

Waste disposal

: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Consult your local or regional authorities.

## Section 14. Transport information

Regulatory information	UN number	Proper shipping name	Class	Packing group	Additional information
<b>DOT</b> Classification	Not regulated.	-	-	-	-

#### APPLIES ONLY DURING ROAD TRANSPORT

Any variation of the shipping description based on the packaging is not addressed.

## Section 15. Regulatory information

HCS Classification : Irritating material

Target organ effects

**U.S. Federal regulations** : SARA 302/304/311/312 extremely hazardous substances: None.

SARA 302/304 emergency planning and notification: None.

**TSCA 8(b) inventory**: All materials are listed or exempt.

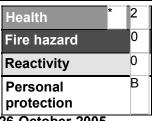
SARA 313 Product name Concentration

Form R - Reporting requirements: 2-butoxyethanol 1.3303

California prop. 65 : No products were found.

### Section 16. Other information

Hazardous Material Information System (U.S.A.)



Date of issue : 26-October-2005.

Responsible name : Regulatory Affairs

Date of previous issue : No Previous Validation.

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.