

SAFETY DATA SHEET

WORKING COPY



Date Prepared : 1/9/2015
SDS No : SP-531

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION: Command Clean

PRODUCT CODE: SP-531

MANUFACTURER

Nova Pressroom Products
1663 North McDuff Avenue
Jacksonville, FL 32254

Alternate Emergency Phone: (866) 443-5811

Customer Service: (904) 292-2554

Transportation: (800) 424-9300

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800-5553

CANUTEC (Canadian Transportation) : (613) 996-6666

CHEMTREC (US Transportation) : (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Oral), Category 5
Skin Irritation, Category 3
Eye Irritation, Category 2B
Respiratory Tract Irritation, Category 3

GHS LABEL



Exclamation
mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H303: May be harmful if swallowed.
H316: Causes mild skin irritation.
H320: Causes eye irritation.
H335: May cause respiratory irritation.

PRECAUTIONARY STATEMENTS

Prevention:

P264: Wash hands thoroughly after handling.
P261: Avoid breathing fumes, mist or vapors.
P271: Use only outdoors or in a well-ventilated area.

Response:

P312: Call a POISON CENTER, doctor or physician if you feel unwell.
P332+P313: If skin irritation occurs: Get medical advice.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice.

P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Disposal:

P501: Dispose of contents and container in accordance with local regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Colorless liquid with a characteristic odor

IMMEDIATE CONCERNS: Can cause eye, skin and respiratory tract irritation. Affects central nervous system, blood-forming organs, kidneys, liver and lymphoid system. During emergencies, wear equipment to protect eyes, skin and respiratory tract. Dike or absorb spills to keep material and run-off from entering sewers, drains or waterways.

POTENTIAL HEALTH EFFECTS

EYES: Contact may cause eye irritation.

SKIN: Prolonged or repeated contact with liquid can lead to irritation and/or dermatitis.

SKIN ABSORPTION: May be absorbed through intact skin; however, single, prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts.

INGESTION: Ingestion may cause irritation to the gastrointestinal tract. May cause nausea, vomiting, diarrhea. May cause systemic poisoning with symptoms paralleling those of inhalation.

INHALATION: Irritating to the respiratory tract. May cause headache, dizziness, anesthetic effects (CNS depression). Breathing high concentrations in an enclosed space or by intentional abuse can cause irregular heartbeats, which can cause death.

MEDICAL CONDITIONS AGGRAVATED: Significant chronic exposure may aggravate existing eye, skin, respiratory system, liver, kidney, and CNS conditions.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Proprietary - 10002	1 - 10	Mixture
2- Butoxyethanol	1 - 10	111-76-2
Proprietary - 10076	1 - 10	Mixture

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. If irritation persists, seek medical attention.

SKIN: Remove contaminated clothing; launder before re-use. Wash skin with soap and water. If irritation develops or persists, seek medical attention.

INGESTION: Seek immediate medical advice. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove person to fresh air. If breathing becomes difficult, seek medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: None

EXTINGUISHING MEDIA: Foam, dry chemical; use water spray to cool exposed surfaces. Evacuate area and fight fire from a safe distance if fire is contained in a small area; otherwise, call the local fire department. Fire media runoff may damage the environment. Dike and collect media used to fight fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire may produce hazardous fumes.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wear protective gloves and eye protection, and stop the source of the leak or spill if possible. Isolate area of spill with dike, and/or add dry absorbent to prevent runoff from entering storm sewers and ditches which lead to waterways. Clean up

and place in an appropriate container for disposal. Wash all contaminated clothing before use.

LARGE SPILL: Follow OSHA emergency response regulations and NIOSH recommendations. If possible, stop source of spill or release. Isolate the area of spill or release with dike to prevent runoff from entering storm sewers and ditches which lead to waterways. Clean up and place in an appropriate container for disposal. Wash all contaminated clothing before use.

7. HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin, or clothing. Avoid breathing mist or vapor. Do not swallow. Wash hands thoroughly after handling. Do not eat, drink, or smoke in work areas. Use only with adequate ventilation.

STORAGE: Store in a cool, dry, well-ventilated area. Keep container closed when not in use. Containers of this material may be hazardous when emptied. Because emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
2- Butoxyethanol	TWA	50	240	20	97
Proprietary - 10076	TWA		5		3

ENGINEERING CONTROLS: Good, general ventilation should be sufficient for most operations. Ten or more room air changes per hour containing a minimum of 15% fresh air is recommended.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses.

SKIN: Gloves impervious to the hazardous ingredients.

RESPIRATORY: If used under normal operating conditions and with adequate ventilation, respiratory equipment is not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild solvent odor

ODOR THRESHOLD: Not Established

APPEARANCE: Opaque

COLOR: Blue

pH: 6.6

FLASH POINT AND METHOD: > (200°F) CC

FLAMMABLE LIMITS: Not Established to Not Established

AUTOIGNITION TEMPERATURE: Not Established

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Established

BOILING POINT: (212°F) to (340°F)

FREEZING POINT: Not Established

THERMAL DECOMPOSITION: Not Established

SOLUBILITY IN WATER: 100 %

EVAPORATION RATE: Not Established

DENSITY: Not Established

SPECIFIC GRAVITY: 1.001 at (77°F)

Notes: Water = 1.00

VISCOSITY: Not Established

(VOC): 0.500 lbs/gal USEPA Method 24

COEFF. OIL/WATER: Not Established

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: Chemically stable

CONDITIONS TO AVOID: High temperatures, localized heat sources (i.e.: drum or band heaters), oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing, strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers.

HAZARDOUS DECOMPOSITION PRODUCTS: Includes, but not limited to smoke, fumes, oxides of nitrogen, and oxides of carbon.

INCOMPATIBLE MATERIALS: Strong oxidizers, acids, and/or bases.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀	INHALATION LC ₅₀
Proprietary - 10002	5500 mg/kg [Rat]	> 2000 mg/kg [Rat]	
Proprietary - 10076	180 to 400 mg/kg [Rat]	64 to 160 mg/kg [Rat]	> 0.12 mg/L [Rat]

EYES: May cause eye irritation.

SKIN ABSORPTION: May cause skin irritation.

ORAL LD₅₀: Not Established

INHALATION LC₅₀: May cause respiratory tract irritation.

CHRONIC: Prolonged or repeated skin contact may cause dermatitis and/or sensitization. Chronic overexposure to aliphatic petroleum distillates has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans. Reports have associated repeated and prolonged overexposure to solvents with irreversible brain and nervous system damage, sometimes referred to as "Solvent or Painter's Syndrome." Overexposure to the aromatic petroleum distillate (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects; mild, reversible kidney effects; and blood abnormalities. Overexposure to the aromatic petroleum distillate (or its components) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain. The aromatic petroleum distillate may contain trace amounts of Naphthalene. The International Agency for Research on Cancer (IARC) evaluated Naphthalene and concluded that there was sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. Accordingly, IARC classified Naphthalene as a possible human carcinogen (Group 2B). The U.S. National Toxicology Program (NTP) has evaluated Naphthalene and found that it may be reasonably anticipated to be a human carcinogen.

TERATOGENIC EFFECTS: 2-butoxyethanol has shown teratogenic effects in laboratory animals.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not Available

BIOACCUMULATION/ACCUMULATION: Not Available

CHEMICAL FATE INFORMATION: Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose materials associated with cleaning spills and/or leaks according to federal, state, and local regulations. If product is contaminated with other printing process products, consult appropriate federal, state, and local regulations to determine proper characterization of resultant mixture.

RCRA HAZARD CLASS: None

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

AIR (ICAO/IATA)

SHIPPING NAME: Not Regulated

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Regulated

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: This product does not contain any ingredients subject to the reporting requirements of SARA Title III Section 313 at or above reporting thresholds, unless listed below.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt.%	CAS
2- Butoxyethanol	1 - 10	111-76-2

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: This product does not contain any ingredients that are subject to the reporting requirements of SARA Title III Section 302.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All components of this product are registered on the TSCA inventory.

CANADA

WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class D2A Very Toxic Material

DOMESTIC SUBSTANCE LIST (INVENTORY): All components of this product are registered on the DSL inventory.

16. OTHER INFORMATION

APPROVED BY: HRB **TITLE:** VP Technical Services

PREPARED BY: RAD - EHS Manager **Date Prepared:** 1/9/2015

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	B

MANUFACTURER DISCLAIMER:

The specific chemical identities of some ingredients in this mixture are considered proprietary information and trade secrets. As such they are withheld in accordance with CFR 1910.1200(i) of Title 29.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. Some information may be based on indirect test data.