



MATERIAL SAFETY DATA SHEET

SKIDMARKS

1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME	SKIDMARKS
PART No.	B-CT084TW31
PRODUCT USE	Cleaner, water based
SUPPLIER	Burck Oil Company, Inc. 1401 53 rd Street West Palm Beach, FL 33407-2208 Tel: (561) 842-3600 Fax: (561) 842-3699
EMERGENCY TELEPHONE	Infotrac U.S. and Canada - (800) 535-5053 Outside the U.S. and Canada - +01-352-323-3500
Date of last issue	2011-01-01

2. COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	WEIGHT
WATER		
*SURFACTANT BLEND	7732-18-5	10-30 %
*CYCLOHEXENE, 1 -METHYL-4-(1 -METHYLETHENYL)-, (R)- (COMMON NAME: D-LIMONENE)	Proprietary 5989-27-5	10-30 % 10-30 %
*ETHANOL, 2- (2-BUTOXYETHOXY)-		
*2,4-PENTANEDIOL, 2-METHYL- (COMMON NAME: HEXYLENE GLYCOL)	112-34-5	5-10 %
*ETHANOL, 2, 2', 2''-NITRILOTRIS- (COMMON NAME: TRIETHANOLAMINE)	107-41-5	5-10 %
GLYCOL ETHERS REGULATED UNDER CERCLA AND SARA 313 (PART OF ANOTHER INGREDIENT)	102-71-6 Unspecified	5-10 % 1-5 %

* This chemical(s) is hazardous according to OSHA/WHIMIS criteria

COMPOSITION COMMENTS

Refer to section eight for exposure limits on ingredients.
Chemical ingredients not regulated by OSHA or SARA are treated confidentially.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HEALTH HAZARDS, GENERAL	Concentrate may cause irritation to eyes and skin. Prolonged exposure to product mist or vapors may cause respiratory irritation.
SENSITIZATION	No known information.
CARCINOGENICITY	IARC: Not listed as a Group 1, 2A, or 2B agent. OSHA: Not regulated. NTP: Not listed.
TERATOGENICITY	No known information.
HEALTH WARNINGS	INHALATION. Heating can generate vapors that may cause respiratory irritation, nausea and headaches. Inhalation hazard at room temperature is unlikely due to the low volatility of this product. Inhalation of product vapor or mist may cause irritation of mucous membranes in nasal passages and throat. SKIN CONTACT. Slightly irritating. Repeated or prolonged contact can result in drying of the skin. EYE CONTACT. Irritating. Liquid, vapor and mists may cause discomfort in the eye with severe transient conjunctivitis. Serious corneal injury is not anticipated. INGESTION. Can cause stomach ache and vomiting. Main hazard, if ingested, is aspiration into the lungs and subsequent pneumonitis.
ROUTE OF ENTRY	Inhalation. Ingestion. Skin and/or eye contact.

4. FIRST AID MEASURES

INHALATION	Remove victim immediately from source of exposure. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Perform artificial respiration if breathing has stopped. Get medical attention.
EYES	Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.
SKIN	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
INGESTION	DO NOT INDUCE VOMITING! Administer large amounts of water. Get medical attention immediately! Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLASH POINT (°C)	No flash point (water based) (Cleveland open cup).
FLAMMABILITY LIMIT - LOWER(%)	N/D
FLAMMABILITY LIMIT - UPPER(%)	N/D
EXTINGUISHING MEDIA	Use: Foam. Carbon dioxide (CO ₂). Dry chemicals, sand, dolomite etc. Water spray.
SPECIAL FIRE FIGHTING PROCEDURES	Use water to keep fire exposed containers cool and disperse vapors. Water spray may be used to flush spills away from exposures and dilute spills to non-flammable mixtures. Keep run-off water out of sewers and water sources. Dike for water control. Avoid water in straight hose stream; will scatter and spread fire.
UNUSUAL FIRE & EXPLOSION HAZARDS	Pressure will increase in over heated, closed containers.
HAZARDOUS COMBUSTION PRODUCTS	Acrid smoke/fumes. Oxides of: Carbon. Nitrogen.
PROTECTIVE MEASURES IN CASE OF FIRE	Self-contained breathing equipment and chemical resistant clothing recommended.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Minimize skin contact. Remove sources of ignition.
PRECAUTIONS TO PROTECT THE ENVIRONMENT	Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses or extensive land areas. Assure conformity with applicable government regulations.
SPILL CLEAN-UP PROCEDURES	Keep all sources of ignition and hot metal surfaces away from spill. Avoid contact with eyes or skin. Place leaking containers in well ventilated area. If fire potential exists, blanket spill with foam or use water spray to disperse vapors. Contain spill to minimize contaminated area and facilitate salvage or disposal. To clean up spill, flush area sparingly with water or use absorbent material. Avoid discharge to natural water ways.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS	Keep lid closed when not in use. Do not reuse container. Do not store or mix with strong oxidizers. Product contains amines, do not mix with nitrites. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Avoid spilling, skin and eye contact. Eye wash and emergency shower must be available at the work place.
STORAGE PRECAUTIONS	Keep away from heat, sparks and open flame. Store separate from strong acids and oxidizers.
STORAGE CRITERIA	Chemical storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

COMPONENT	STD	TWA	STEL	TWA	STEL
CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-, (R)- (COMMON NAME: D-LIMONENE)	OSHA	N/E			
	ACGIH AIHA	N/E 30 ppm WEEL			
2,4-PENTANEDIOL, 2-METHYL- (COMMON NAME: OSHA HEXYLENE GLYCOL)	OSHA	N/E	N/E		
	ACGIH NIOSH	N/E N/E	C 25 ppm C 25 ppm	N/E	C 121 mg/m3
ETHANOL, 2, 2', 2''-NITRILOTRIS- (COMMON NAME: TRIETHANOLAMINE)	OSHA			N/E	N/E
	ACGIH MAK.		** (Sh)	5 mg/m3	N/E

PROTECTIVE EQUIPMENT



ENGINEERING CONTROLS

Use engineering controls to reduce air contamination to permissible exposure level.

VENTILATION

No specific ventilation requirements noted, but forced ventilation may still be required if air contamination exceeds acceptable level.

RESPIRATORS

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

PROTECTIVE GLOVES

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

PROTECTIVE CLOTHING

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENIC WORK PRACTICES

Wash at the end of each work shift and before eating, smoking and using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE	Liquid		
COLOR	Green		
ODOR	Citrus		
SOLUBILITY DESCRIPTION	Soluble in water.		
BOILING POINT (°C, range)	100 (212°F)	Pressure	760mmHg
DENSITY	0.95 - 0.97	Temperature (°C)	15.6 (60°F)
VAPOR DENSITY (air=1)	> 1		
EVAPORATION RATE	< 1	Reference	BuAc=1
pH-VALUE, CONC. SOLUTION	12.2		

10. STABILITY AND REACTIVITY

STABILITY	Normally stable.
CONDITIONS TO AVOID	Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidizers.
HAZARDOUS POLYMERIZATION	Will not occur.
POLYMERIZATION DESCRIPTION	Not applicable
HAZARDOUS DECOMPOSITION PRODUCTS	Oxides of: Carbon. Nitrogen.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION	No experimental toxicological data on the preparation as such is available.
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12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION	There is no ecological data on the product itself.
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DISPOSAL CONSIDERATIONS

DISPOSAL METHODS Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations.

13. TRANSPORT INFORMATION

DOT HAZARD CLASS	Non-hazardous (No label required)
U.S. DOT HAZARD LABEL	No DOT label requirement
SEA TRANSPORT NOTES	Not regulated per IMDG
AIR TRANSPORT NOTES	Not regulated per IATA

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

COMPONENT	SARA 302 CERCLA SARA 313		
SURFACTANT BLEND	No	No	No
CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-, (R)- (COMMON NAME: D-LIMONENE)	No	No	No
ETHANOL, 2-(2-BUTOXYETHOXY)-	No	***	N230 - GE
2,4-PENTANEDIOL, 2-METHYL- (COMMON NAME: HEXYLENE GLYCOL)	No	No	No
ETHANOL, 2, 2', 2''-NITRILOTRIS- (COMMON NAME: TRIETHANOLAMINE)	No	No	No
GLYCOL ETHERS REGULATED UNDER CERCLA AND SARA 313 (PART OF ANOTHER INGREDIENT)	No	***	N230 - GE

REGULATORY STATUS

*** Indicates that no RQ is assigned to this generic or broad class, although the class is a CERCLA hazardous substance. See 50 Federal Register 13456 (April 4, 1985). Values in Section 313 column represent Category Codes for reporting under Section 313.

CLEAN AIR ACT

SARA HAZARD CATEGORIES Acute Chronic Fire

US STATE REGULATIONS

COMPONENT	CA	MA	FL	MN NJ	PA RI
ETHANOL, 2- (2-BUTOXYETHOXY)-					EH
2,4-PENTANEDIOL, 2-METHYL- (COMMON NAME: HEXYLENE GLYCOL)		Yes		Yes Yes	Yes Yes
ETHANOL, 2, 2', 2''-NITRILOTRIS- (COMMON NAME: TRIETHANOLAMINE)	Yes		Yes		Yes Yes
GLYCOL ETHERS REGULATED UNDER CERCLA AND SARA 313 (PART OF ANOTHER INGREDIENT)					EH

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM - WHMIS**GLOBAL INVENTORIES**

COMPONENT	CAN	US	EU	AUS	JAP	KOR	PHLP	CHN
SURFACTANT BLEND	DSL	Yes	No					
CYCLOHEXENE, 1-METHYL-4-(1-METHYLETHENYL)-, (R)- (COMMON NAME: D-LIMONENE)	DSL	Yes	EINECS	Yes	Yes	Yes	Yes	Yes
ETHANOL, 2- (2-BUTOXYETHOXY)-	DSL	Yes	EINECS	Yes	Yes	Yes	Yes	Yes
2,4-PENTANEDIOL, 2-METHYL- (COMMON NAME: HEXYLENE GLYCOL)	DSL	Yes	EINECS	Yes	Yes	Yes	Yes	Yes
ETHANOL, 2, 2', 2''-NITRILOTRIS- (COMMON NAME: TRIETHANOLAMINE)	DSL	Yes	EINECS	Yes	Yes	Yes	Yes	Yes

REGIONAL RESTRICTION: This product contains one or more components that are NOT LISTED on the following Inventories and that are NOT EXEMPT from listing: - European Inventory of New and Existing Chemical Substances (EINECS)

16. OTHER INFORMATION

NFPA-HMIS HAZARD RATING

HEALTH	Irritation, minor residual injury (1) - HMIS/NFPA
FLAMMABILITY	Will not burn (0) - HMIS/NFPA
REACTIVITY	Normally Stable (0) - HMIS/NFPA
PERSONAL PROTECTION INDEX	B - Safety Eyewear and Gloves
PREPARED BY	James W. Hermann
Replacement of MSDS generated	2002-09-19
DATE	2004-05-20
DISCLAIMER	While the information and recommendations set forth herein are believed to be accurate as of the date thereof, the company makes no warranty with respect thereto and disclaims all liability from reliance therein.

* Information revised since previous MSDS version

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