



Barnes Distribution

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Material Safety Data Sheet

MSDS Form No. : 003200

Item No. : BD1033, BD1033-1

MATERIAL SAFETY DATA SHEET

Carb & Choke Cleaner BD1033

-----SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION -----

MSDS Name: Carb & Choke Cleaner BD1033

Product CAS: (none)

Product Code: L-13740

Synonyms: BD1033; BD1033-1; Carb & Choke Cleaner BD1033

Company Identification:

Name: Hydrosol Inc.

Address: 8407 South 77th Ave

Address:

City: Bridgeview State: IL Zip: 60455

For information, call: 708-598-7100

Emergency Number: 708-598-7100

Emergency Agency:

Number:

MSDS Creation Date: 2/6/2006

Supersedes Date: 10/28/2004

-----SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS -----

Chemical Name	CAS	MIN	MAX
PROPANE	74-98-6	15	15
ACETONE	67-64-1	42	42
*XYLENE (MIXED ISOMERS)	1330-20-7	28	28
*TOLUENE	108-88-3	9	9
*ETHYLBENZENE	100-41-4	6	6

Miscellaneous:

CHEMICAL	OSHA PEL	ACGIH TLV
ACETONE	750 PPM	750 PPM
XYLENE	100 PPM	100 PPM
TOLUENE	200 PPM TWA	100 PPM 200 PPM ACC

ETHYLBENZENE	100 PPM	100 PPM (STEL 125PPM)
PROPANE	1000 PPM	ASPHYXIAN

*TOXIC CHEMICALS SUBJECT TO THE REQUIREMENTS OF SECTION 313 OF TITLE III
AND
OF 40 CFR 372.

Lbs of VOC per Gallon Coating (minus water): 0
Coating Density (lbs/gal): 0
Solvent Density (lbs/gal): 0
Percent Solvent (volume): 0
Percent Solids (volume): 0
Percent Water (volume): 0

-----SECTION 3 - HAZARDS IDENTIFICATION -----

NFPA: Health: Fire: Reactivity: Other:

HMIS: Health: 2 Fire: 4 Reactivity: 0 Special Protection:

POTENTIAL HEALTH EFFECTS

Target Organs:

ACUTE: EYE IRRITANT. SKIN IRRITANT. NARCOTIC IN HIGH CONCENTRATIONS.

CHRONIC: UNKNOWN FOR PRODUCT AS A WHOLE.

Eye:

LIQUID OR VAPOR CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, AND
BLURRED

VISION; PROLONGED CONTACT MAY LEAD TO CORNEAL DAMAGE.

Skin:

CONTACT MAY DRY THE SKIN; PROLONGED CONTACT MAY CAUSE IRRITATION. MAY BE
ABSORBED. SOLVENT ACTION CAN DRY AND DEFAT THE SKIN CAUSING THE SKIN TO
CRACK, LEADING TO DERMATITIS.

Ingestion:

CAN CAUSE GASTRO-INTESTINAL IRRITATION, VOMITING, DIARRHEA, BLINDNESS
AND

DEATH. IF SWALLOWED, CALL A PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITING
AT

THE DIRECTION OF A PHYSICIAN.

Inhalation:

RESPIRATORY IRRITATION, HEADACHE, NAUSEA, FATIGUE, DROWSINESS, IMPAIRED
CO-ORDINATION, POSSIBLE UNCONSCIOUSNESS. INTENTIONAL MISUSE BY
DELIBERATELY CONCENTRATING AND INHALING CONTENTS MAY BE HARMFUL OR
FATAL.

Miscellaneous:

-----SECTION 4 - FIRST AID MEASURES -----

Eye:

WASH IMMEDIATELY WITH LARGE VOLUMES OF FRESH WATER FOR AT LEAST 15

MINUTES. GET MEDICAL ATTENTION.

Skin:

WIPE OFF WITH TOWEL. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Ingestion:

SWALLOWING: CALL PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITING AT INSTRUCTION OR PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation:

REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF NEEDED. APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. GET MEDICAL ATTENTION.

Notes to Physician:

-----SECTION 5 - FIRE FIGHTING MEASURES -----

Unusual Fire and Explosion Hazards:

CLOSED CONTAINERS MAY EXPLODE FROM INTERNAL PRESSURE BUILD-UP WHEN EXPOSED

TO EXTREME HEAT AND DISCHARGE CONTENTS. VAPOR ACCUMULATION CAN FLASH OR EXPLODE IF IGNITED. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE READILY APPARENT. OBTAIN MEDICAL ATTENTION.

Special Fire Fighting Procedures:

WATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD-UP AND EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED. FOG NOZZLES PREFERRED. WEAR GOGGLES AND SELF-CONTAINED BREATHING APPARATUS.

Extinguishing Media:

FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

Flash Point:

-156 deg F

Flammable Limits:

Lower Limit:

1

Upper Limit:

13

AutoIgnition Temperature:

N/A

General Information:

method used: estimated

-----SECTION 6 - ACCIDENTAL RELEASE MEASURES -----

Disposal:

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BEFORE ATTEMPTING CLEAN UP, REFER TO OTHER SECTIONS OF THIS MSDS FOR

HAZARD CAUTION INFORMATION.

Spills/Leaks:

-----SECTION 7 - HANDLING and STORAGE -----

Handling:

Storage:

STORE AND USE IN COOL, DRY, WELL-VENTILATED AREAS. DO NOT STORE ABOVE 120

DEG F. DO NOT PUNCTURE OR INCINERATE (BURN) CANS. DO NOT STICK PIN, NAIL OR ANY OTHER SHARP OBJECT INTO OPENING ON TOP OF CAN. DO NOT SPRAY IN EYES. DO NOT TAKE INTERNALLY.

-----SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION -----

Engineering Controls:

CARCINOGENICITY; NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

VENTILATION SUFFICIENT TO PREVENT INHALATION OF SOLVENT VAPORS. GENERAL DILUTION AND/OR LOCAL EXHAUST VENTILATION IN VOLUME OR PATTERN TO KEEP PEL/TLV OF MOST HAZARDOUS INGREDIENT BELOW ACCEPTABLE LIMIT AND LEL BELOW STATED LIMIT.

Eyes:

NONE UNDER NORMAL USE; HOWEVER, USE OF SAFETY GLASSES WITH SPLASH GUARDS OR FULL FACE SHIELD IS RECOMMENDED.

Skin:

PROTECTIVE GLOVES NONE UNDER NORMAL USE. SOLVENT RESISTANT REQUIRED FOR PROLONGED OR REPEATED CONTACT.

Clothing:

NONE UNDER NORMAL USE; HOWEVER, USE OF SOLVENT RESISTANT APRONS OR OTHER CLOTHING IS RECOMMENDED.

Respirators:

NONE UNDER NORMAL USE. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE APPROVED CHEMICAL/MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND VAPOR. IN CONFINED AREAS, USE APPROVED AIR LINE TYPE RESPIRATOR OR HOOD. SELF-CONTAINED BREATHING APPARATUS IS REQUIRED FOR VAPOR CONCENTRATIONS ABOVE PEL/TLV LIMITS.

-----SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -----

Appearance/Odor:

AEROSOL PRODUCT

pH: N/A
Vapor Pressure: N/A
Vapor Density: UNKNOWN
Evaporation Rate: UNKNOWN
Viscosity: N/A
Boiling Point: -44 deg F - 279 deg F
Freezing/Melting Point: N/A
Decomposition Temperature: N/A
Solubility: SLIGHT TO MODERATE
Specific Gravity: 1
Molecular Formula: N/A
Molecular Weight: N/A
Miscellaneous:
VOC = 45%

-----SECTION 10 - STABILITY AND REACTIVITY -----

Chemical Stability:

STABLE.

Conditions to Avoid:

APPLICATION TO HOT SURFACES. STORAGE ABOVE 120 DEG F. EXPOSURE TO OPEN FLAME. MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE ACUTE AND CHRONIC LIVER AND KIDNEY DISEASE, ANEMIA.

Incompatibilities with Other Materials:

STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:

MAY PRODUCE FUMES WHEN HEATED TO DECOMPOSITION. FUMES MAY CONTAIN CARBON MONOXIDE AND OTHER TOXIC FUMES.

Hazardous Polymerization:

WILL NOT OCCUR.

-----SECTION 11 - TOXICOLOGICAL INFORMATION -----

Toxicological Information:

NO DATA

-----SECTION 12 - ECOLOGICAL INFORMATION -----

Ecological Information:

CARCINOGENICITY: NTP CARCINOGEN: NO

IARC MONOGRAPHS: YES OSHA REGULATED: NO

ETHYLBENZENE HAS BEEN SHOWN TO CAUSE CANCER IN LABORATORY ANIMALS. THE RELEVANCE OF THESE FINDINGS TO HUMANS IS UNCERTAIN. THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) HAS CLASSIFIED

ETHYLBENZENE AS A POSSIBLE HUMAN CARCINOGEN.

-----SECTION 13 - OTHER PRECAUTIONS -----

Other Precautions:

SMALL PRESSURIZED CONTAINERS OR FLAMMABLE PRODUCTS MAY BE STORED IN AREAS

SUITABLE FOR ORDINARY COMBUSTIBLES WITH RESPECT TO CONSTRUCTION, DRAINAGE,

CONTROL OR IGNITION SOURCES, AND VENTILATION EXCEPT THAT THEY SHOULD NOT BE STORED IN BASEMENTS.

Work/Hygienic Practices:

EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

-----SECTION 14 - TRANSPORT INFORMATION -----

Transportation Information:

NO DATA

Label Information:

NO DATA

-----SECTION 15 - REGULATORY INFORMATION -----

Regulatory Information:

*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

-----SECTION 16 - ADDITIONAL INFORMATION -----

Additional Information:

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. BECAUSE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL, WE ASSUME NO RESPONSIBILITY FOR ITS USE.