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Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	MAC'S CARB & CHOKE & TBC 12/13 OZ CARBURETOR CLEANER
National Stock Number	6850PNAPA8700
CAGE Code	<u>72527</u>
Part Number Indicator	A
MSDS Number	194352
HAZ Code	D

SECTION II - Manufacturer's Information

Manufacturer Name	THE VALVOLINE COMPANY
P.O. Box	14000
City	LEXINGTON
State	KY
Country	US
Zip Code	40512
Emergency Phone	800-274-5263
Information Phone	859-357-7206

MSDS Preparer's Information

Date MSDS Prepared/Revised	14JAN02
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Active Indicator Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Appearance/Odor	CLEAR, COLORLESS LIQUID/SOLVENT ODOR
Boiling Point	133. F
Vapor Pressure	185
Vapor Density	N/D
Specific Gravity	.837
Evaporation Rate	N/D
Percent Volatiles by Volume	0
Container Type	R
Container Pressure Code	2
Temperature Code	4
Product State Code	L

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	UNK
Lower Explosion Limit	1.0
Upper Explosion Limit	36.0
Extinguishing Media	REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICAL
Special Fire Fighting Procedures	SCBA W/FULL FACE-PIECE OPERATED IN THE POSITIVE PRESSURE DEMAND MODE. MATERIAL IS HIGHLY VOLATILE AND READILY GIVES OFF VAPORS . WATER MAY BE USED TO KEEP CONTAINERS COOL UNTIL FIRE IS OUT

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	NOT LISTED
Materials to Avoid	REACTIVE METALS SUCH AS ALUMINUM AND MAGNESIUM, STRONG ACIDS, STRONG OXIDIZING AGENTS
Hazardous Decomposition Products	CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	U

Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	EYE,SKIN] IRRITATION, PROLONGED OR REPEATED CONTACT MAY DRY AND CRACK SKIN,[INGEST] HARMFUL, CAN GET INTO LUNGS AND CAN RESULT IN INFLAMMATION AND OTHER LUNG INJURY. [INHALE] BREATHING LARGE AMTS, MAY BE HARMFUL
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	NONE LISTED
Symptoms of Overexposure	MAY INCLUDE MOUTH AND THROAT IRRITATION, STOMACH OR INTESTINAL UPSET, IRRITATION, COUGH, TIGHT FEELING IN THE CHEST, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, LEG CRAMPS, PAIN IN THE ABDOMEN AND LOWER BACK, RESPIRATORY DEPRESSION, BLURRED VISION, SHORTNESS OF BREATH, CYANOSIS, HIGH BLOOD SUGAR, NARCOSIS, VISUAL IMPAIRMENT, COMA, AND DEATH
Medical Cond. Aggrevated by Exposure	LIVER AND KIDNEY DAMAGE
Emergency/First Aid Procedures	[EYES] FLUSH WITH WATER FOR 15 MIN. [SKIN] WASH WITH SOAP AND WATER[INGEST] GET IMMED. MED ATTN. PLACE INDIVIDUAL ON LEFT SIDE WITH HEAD DOWN. DO NOT LEAVE UNATTENDED. [INHALE] MOVE TO FRESH AIR

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	ELIMINATE ALL SOURCES OF IGNITION. ABSORB ON VERMICULITE OR OTHER ABSORBENT MATERIAL. PERSONS NOT WEARING APPRO. PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM SPILL AREA.PREVENT RUNOFF
Waste Disposal Method	IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS
Handling and Storage Precautions	DO NOT STORE NEAR EXTREME HEAT, OPEN FLAMES, OR SOURCES OF IGNITION. CONTAINERS MAY BE HAZARDOUS WHEN EMPTIED

SECTION VIII - Control Measures

Respiratory Protection	NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL
Ventilation	GENERAL AND/OR LOCAL
Protective Gloves	IMPERVIOUS GLOVES
Eye Protection	CHEMICAL SPLASH GOGGLES
Other Protective Equipment	IMPERVIOUS CLOTHING AND BOOTS, EYE WASH

Work Hygenic Practices

WASH HANDS THOROUGHLY AFTER USE

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	UNKNOWN
Contact Code	UNKNOWN
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN

SECTION X - Transportation Data

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	6.98
Volatile Organic Compounds (G/L)	836.4751

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	2-PROPANONE
CAS Number	67641
Percent	58
Ingredient #	02
Ingredient Name	METHANOL
CAS Number	67561
Percent	35
Ingredient #	03
Ingredient Name	BENZENE, DIMETHYL-
CAS Number	1330207
Percent	30
