

MASTER AUTOMOTIVE GROUP -- BTC-8, BATTERY TERMINAL CLEANER -- 6850-01-332-7633

===== Product Identification =====

Product ID:BTC-8, BATTERY TERMINAL CLEANER

MSDS Date:09/01/1996

FSC:6850

NIIN:01-332-7633

Status Code:A

MSDS Number: CLCQY

=== Responsible Party ===

Company Name:MASTER AUTOMOTIVE GROUP

Box:381900

City:GERMANTOWN

State:TN

ZIP:38138-1900

Country:US

Info Phone Num:901-757-5700

Emergency

Phone Num:800-255-3924

Preparer's Name:ESP

CAGE:UO444

=== Contractor Identification ===

Company Name:AUGUSTA ENGINE PARTS CO INC

Address:2622 MILLEDGEVILLE ROAD

Box:City:AUGUSTA

State:GA

ZIP:30904

Country:US

Phone:706-736-1288

Contract Num:SP0400-01-A-AF95-0103

CAGE:1JQZ6

Company Name:MASTER AUTOMOTIVE GROUP

Address:Box:381900

City:GERMANTOWN

State:TN

ZIP:38138-1900

Country:US

Phone:901-757-5700

CAGE:UO444

===== Composition/Information on Ingredients =====

Ingred Name:PETROLE

UM DISTILLATE  
CAS:64742-88-7  
= Wt:15.  
OSHA PEL:400 PPM

Ingred Name:PROPANE  
CAS:74-98-6  
RTECS #:TX2275000  
= Wt:2.  
OSHA PEL:1800 MG/M3;1000 PPM

Ingred Name:BUTANE  
CAS:106-97-8  
RTECS #:EJ4200000  
= Wt:2.  
OSHA PEL:800 PPM  
ACGIH TLV:1900 MG/M3;800 PPM

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYES: IRRITANT. SKIN: IRRITANT.  
CONTACT MAY DRY THE SKIN; PROLONGED CONTACT MAY CAUSE IRRITATION.  
CAN BE ABSORBED. SOLVENT ACTION CAN DRY AND DEFAT THE SKIN CAUSING  
THE SKIN TO CRACK, LEADING T O DERMATITIS. INGESTION: NOT A LIKELY  
ROUTE OF EXPOSURE. CHRONIC:UNKINOWN  
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DEFATTING,  
CRACKING, DERMATITIS. INHALATION: RESPIRATORY IRRITATION, HEADACHE,  
NAUSEA, FATIGUE, DROWINESS, IMPAIRED CO-ORDINATION.  
Medical Cond Aggravated by Exposure:NONE KNOWN

=  
===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR, ADMINISTER OXYGEN IF NEEDED.  
APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. GET MEDICAL  
ATTENTION. SKIN: WIPE OFF WITH TOWEL. WASH WITH SOAP AND WATER. GET  
MED ICAL ATTENTION IF IRRITATION PERSISTS. EYES: WASH IMMEDIATELY  
WITH LARGE VOLUMES OF FRESH WATER FOR AT LEAST 15 MINUTES. GET  
MEDICAL ATTENTION.

===== Fire Fighting Measures =====

=====

Flash Point Method:CALC

Flash Point:=-104.4C, -156.F

ESTIMATED.

Lower Limits:.9

Upper Limits:9.5

Extinguishing Media:FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG.

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.

Unusual Fire/Explosion Hazard:CLOSED CONTAIN

ERS MAY EXPLODE FROM

INTERNAL PRESSURE BUILD-UP WHEN EXPOSED TO EXTREME HEAT AND DISCHARGE CONTENTS, LIQUID CONTENT OF CONTAINER WILL NOT SUPPORT COMBUSTION. OVEREXPOSURE TO DECOMPSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE READILY APPARENT.

===== Accidental Release Measures =====

Spill Release Procedures:AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.

===== Handling and Storage =====

Handling and Storage Precautions:STORE AND USE IN COOL, DRY, WELL-VENTILATED AREAS. DO NOT STORE ABOVE 120F. 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. SEE PRODUCT LABEL FOR ADDITIONAL INFORMATION.

Other Precautions:THE STORAGE OF NON-FLAMMABLE PRODUCTS WITH

NON-FLAMMABLE OR FLAMMABLE PRESSURIZING AGENTS, IN CARTONS, IS THE SAME AS FOR ORDINARY CANNED GOODS IN CARTONS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: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 APPAR

ATUS IS REQUIRED FOR VAPOR  
CONCENTRATIONS ABOVE PEL/TLV LIMITS.

Ventilation:PROVIDE ADEQUATE GENERAL DILUTION AND/OR LOCAL EXHAUST  
VENTILATION TO KEEP PEL/TLV OF HAZARDOUS INGREDIENTS BELOW  
ACCEPTABLE LIMIT AND LEL BELOW STATED LIMIT.

Protective Gloves:NONE UNDER NORMAL USE, SOLVENT RESISTANT FOR  
PROLONGED OR REPEATED CONTACT.

Eye Protection:NONE UNDER NORMAL USE,SAFETY GLASSES,SPLASH GUARD,FULL  
FACE SHIELD RECOMMENDED.

Other Protective Equipment:NONE UNDER NORMAL USE. HOWEVE  
R, USE OF

SOLVENT RESISTANT APRONS OR OTHER CLOTHING IS RECOMMENDED. EYE WASH  
AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:V3

Boiling Pt:=-42.2C, -44.F

B.P. Text:PROPELLANT

Vapor Density:UNK

Spec Gravity:0.94 (H2O=1)

Solubility in Water:COMPLETE

Appearance and Odor:AEROSOL PRODUCT

===== Stability and Reactivity Data =====

Stability Indicator/Materi

als to Avoid:YES

OXIDIZING AGENTS.

Stability Condition to Avoid:APPLICATION TO HOT SURFACES. STORAGE ABOVE  
120F. EXPOSURE TO OPEN FLAME.

Hazardous Decomposition Products:MAY PRODUCE FUMES WHEN HEATED TO  
DECOMPOSITION. FUMES MAY CONTAIN CARBON MONOXIDE.

Conditions to Avoid Polymerization:WILLNOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods: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.

===== Regulatory Information =====

SARA Title III Information:NO TOXIC CHEMICALS SUBJECT TO THE REPORTING  
REQUIREMENTS OF SECTION 313 OF TITLE I I I AND OF 40 CFR 372 ARE  
PRESENT.

State Regulatory Information:

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):  
This information is formu  
lated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.