

QMI

MATERIAL SAFETY DATA SHEET

GL1540

REVISION DATE: 05/18/2009

SECTION I MATERIAL IDENTIFICATION AND USE

TRADE NAME : QMI COOLING SYSTEM CLEANER
PRODUCT CODE : GL1540
GENERAL USE : COOLING SYSTEM FLUSH
WHMIS CLASS :
TDG CLASSIFICATION : NOT REGULATED
CHEMICAL FAMILY : MIXTURE
MANUFACTURER'S NAME : QMI INC.
ADRESS : 3606 CRAFTSMAN BLVD.
CITY&PROVINCE : LAKELAND, FL. 33803
EMERGENCY TELEPHONE : 800-255-3925 U.S 24 HR. OUTSIDE US: 813-248-0585

SECTION II : INGREDIENT DATA

INGREDIENTS	WT%	CAS #	SYMBOL	R PHRASE
SODIUM METASILICATE	0.50	6834-92-0	C	34,37
PROPYLENE GLYCOL				
BUTYL ETHER	0.40	57018-52-7	Xi	10,41

EEC LABEL SYMBOL AND CLASSIFICATION
DIRECTIVE 67/548/EEC ANNEX 1 R 36 MAY BE EYE IRRITANT

SECTION III : HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: NON-VISCOUS FLUORESCENT YELLOW LIQUID IRRITATING TO EYES ON CONTACT
INHALATION : NONE KNOWN
EYE CONTACT : IRRITATION AND REDNESS
SKIN CONTACT : IRRITATION, RDNESS AND DRYNESS
INGESTION : IRRITATION AND NAUSEA
CHRONIC : NONE KNOWN

SECTION IV FIRST AID MEASURES

EYES : RINSE WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION
SKIN : WASH WITH SOAP AND WATER. RINSE THOROUGHLY
INGESTION : DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION
INHALATION : NONE KNOWN.

SECTION V FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE : WILL NOT FLASH
COMBUSTIBLE : NA
LOWER EXPLOSIVE LIMIT (% VOL) COMPONENT : NOT APPLICABLE
UPPER EXPLOSIVE LIMIT (% VOL) COMPONENT : NOT APPLICABLE
EXTINGUISHING MEDIA : TREAT SURROUNDING FIRE CO2, DRY CHEMICAL, WATER SPRAY

SECTION VI ACCIDENTAL RELEASE MEASURES

LAND SPILL : AVOID RUNOFF INTO SEWERS OR DITCHES BY CONTAINMENT WITH SAND
 WASTE DISPOSAL : IN ACCORDANCE WITH ALL LOCAL AND FEDERAL REGULATIONS

SECTION VII SAFE STORAGE AND HANDLING

STORAGE AND HANDLING : STORE IN COOL DRY AREA IN TIGHTLY CLOSED CONTAINER
 STORAGE TEMPERATURE : >35°F
 HANDLING : TAKE MEASURES TO PREVENT EXCESSIVE OR PROLONGED SKIN CONTACT

SECTION VIII EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROL NOT NEEDED UNDER NORMAL CONDITIONS
 PROTECTIVE HANDWEAR : NOT NEEDED UNDER NORMAL CONDITIONS HOWEVER USE RUBBER GLOVES FOR PROLONGED CONTACT.
 PROTECTIVE EYEWEAR : SAFETY GOGGLE 10,41
 OTHER PROTECTIVE CLOTHING : NOT NEEDED
 RESPIRATORY APPARATUS : NOT NEEDED
 LOCAL/ MECHANICAL EXHAUST : NOT NEEDED

SECTION IX PHYSICAL DATA

PHYSICAL STATE : LIQUID	ODOR : BLAND
APPEARANCE : NON-VISCOUS YELLOW LIQUID	ODOR THRESHOLD : NA
SPECIFIC GRAVITY : 1.01 @ 70°F	EVAPORATION RATE: 0.1 (N-BUTYL ACETATE =1)
VAPOR DENSITY (AIR =1) : NOT DETERMINED	FREEZING POINT : NOT AVAILABLE
BOILING POINT (°C) : 100°C	PH : 12.2 - 13.0
FLASH POINT (°C) TCC : DOES NOT FLASH	% VOLATILE :
EXPLOSIVE : NO	OXIDIZER : NO
WATER SOLUBILITY : COMPLETE	VISCOSITY : WATER THIN

SECTION X STABILITY AND REACTIVITY DATA

CHEMICAL STABILITY : STABLE
 INCOMPATIBLE WITH OTHER SUBSTANCES : NON KNOWN
 IF SO, WHICH ONES :
 HAZARDOUS DECOMPOSITION PRODUCTS : NONE KNOWN
 HAZARDOUS POLYMERIZATION : WILL NOT OCCUR

SECTION XI TOXICOLOGICAL INFORMATION

ACCUTE ORAL TOXICITY ESTIMATE :
REPRODUCTIVE DATA :NO ADVERSE EFFECTS EXPECTED
MUTAGENICITY DATA : NO ADVERSE EFFECTS EXPECTED
SKIN SENSITIZATION : NONE EXPECTED OR KNOWN

SECTION XII ECOLOGICAL INFORMATION

ECOTOXICOLOGY
BIODEGRADABILITY

SECTION XIII DISPOSAL CONSIDERATIONS

CONSULT YOU FEDERAL, STATE, AND LOCAL AUTHORITY FOR DISPOSAL OPTIONS

34,37

SECTION XIV TRANSPORTATION INFORMATION

ADR CLASSIFICATION : NOT REGULATED
DOT : NOT REGULATED
TDG : NOT REGULATED
ICAO/IATA: NOT REGULATED
IMO/IMDG : NOT REGULATED

10,41

SECTION XV REGULATORY INFORMATION

EUROPEAN LABELING R PHRASE: CURRENTLY NOT CLASSIFIED BY EEC DIRECTIVES HOWEVER MAY BE EYE IRRITANT. S PHRASE : S1/2 KEEP AWAY FROM CHILDREN, S2425 AVOID SKIN AND EYE CONTACT

US / CANADA

HMIS RATING HEALTH : 1 FLAMMABILITY : 0 REACTIVITY : 0 PPE :
WHMIS CLASS : NA DIVISION : NA (NOT REGULATED)

SECTION XVI ADDITIONAL INFORMATION

RISK PHRASES : FULL TEXT OF R-PHRASES LISTED IN THIS SAFETY DATA SHEET. THE LABELING IF THE PRODUCT IS INDICATED IN SECTION XV. R34 CAUSES BURNS. R36 IRRITATING TO EYES. R10 FLAMMABLE.R41 RISK OF SERIOUS DAMAGE TO EYES.

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