

Mercury Quicksilver Corrosion
Guard – Aerosol

MATERIAL SAFETY DATA SHEET 111-3260Q

Issued to : Mercury Marine
P.O. Box 1939

Fond du Lac, WI 54936

Attention: : Material Safety Data Sheet Coordinator

The attached Material Safety Data Sheet relates potential hazards and recommended practices for safe handling of the product that you purchased from Raabe Company.

We urge you and your employees to review the entire MSDS prior to handling, use or disposal of the product.

You are required to keep this MSDS on file for reference by company employees or government regulatory officials.

If you resell or distribute this product, you must furnish a copy of the MSDS to your customer.

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PART NUMBER(S) . . . : 92-802878Q55, 92-827933 55
PRODUCT NAME . . . : CORROSION GUARD AEROSOL
PRODUCT CLASS . . . : Aerosol Product

MSDS PREPARATION DATE : 05/14/2010

CUSTOMER IDENTIFICATION:

Mercury Marine
P.O. Box 1939
Fond du Lac, WI 54936-1939

EMERGENCY TELEPHONE NUMBERS:

24 HOURS A DAY - CALL CHEMTREC : 800-424-9300
INTERNATIONAL CALLS TO CHEMTREC : 703-527-3887
8 AM TO 4:30 PM CENTRAL TIME : 262-255-9500

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

1 MINERAL SPIRITS
CAS# 64742-47-8
MINERAL SPIRITS
PCT BY WT: 18.0000 LEL 1.00
EXPOSURE LIMIT:
ACGIH TLV-TWA 100 ppm
ACGIH TLV-STEL NO INFO
OTHER LIMITS:

2 N-BUTANE
CAS# 106-97-8
N-BUTANE
PCT BY WT: 13.0000 VAPOR PRESSURE: 879.100 MMHG @ 68F LEL 1.80
EXPOSURE LIMIT:
ACGIH TLV-TWA 800 ppm
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 800 ppm
COMPANY N.E.
LD50(ORAL) N.A.
LD50(DERMAL) N.A.
LC50 658000 mg/m3 (rat)
OTHER LIMITS:
EINECS 203-448-7

3 N-HEXANE
CAS# 110-54-3
N-HEXANE
PCT BY WT: 31.0000 LEL 1.20
EXPOSURE LIMIT:
ACGIH TLV-TWA 50 ppm
ACGIH TLV-STEL NO INFO
OSHA PEL-TWA 50 ppm
COMPANY N.E.
OTHER LIMITS:
EINECS 203-777-6

4 PROPANE
CAS# 74-98-6
PROPANE
PCT BY WT: 17.0000 VAPOR PRESSURE: 5585.200 MMHG @ 68F LEL 2.20
EXPOSURE LIMIT:
ACGIH TLV-TWA 1000 ppm
ACGIH TLV-STEL NO INFORMATION
LD50(ORAL) NOT APPLICABLE
LD50(DERMAL) NOT APPLICABLE
LC50 NO INFORMATION
OTHER LIMITS:
EINECS 200-827-9

This substance is classified as a hazardous air pollutant.

This product contains no reported carcinogens or suspected
carcinogens.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
Extremely flammable liquid and vapor.
Vapors may cause flash fire or explosion.
Extremely flammable aerosol.
Contents under pressure.
EYE:
May cause severe eye irritation.
SKIN:
May cause skin irritation.
Harmful if absorbed through the skin.
Material may aggravate an existing dermatitis.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CLEAN-UP AND CONTAINMENT:

Remove all sources of ignition. Avoid heat, sparks, flames and anything which could cause fire.

Ventilate area of spill and adjacent low lying areas. Avoid breathing solvent vapors. Remove with inert absorbent materials and non-sparking tools.

Use water spray to disperse vapors. Minimize breathing gases, vapor, fumes or decomposition products. Use self-contained breathing apparatus with full face piece operated in positive pressure mode as needed.

SECTION 7 - HANDLING AND STORAGE

HANDLING:

Wash hands thoroughly after handling.

STORAGE:

Store in a cool dry area with ventilation suitable for storing materials shown in section 2.

Keep away from heat, sparks and flame.

Store in a cool place away from direct sunlight or any source of ignition. Do not store at temperatures above 120 degrees F.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

ENGINEERING CONTROLS:

Sufficient ventilation, in volume and pattern, should be provided to keep air contamination below current applicable OSHA permissible exposure limit or ACGIH's TLV limit.

RESPIRATORY PROTECTION:

If workplace exposure limits are exceeded for any component(see section 2 for hazardous components and exposure limits), a NIOSH/OSHA approved respirator suitable for components listed is recommended.

SKIN PROTECTION:

Chemical resistant plastic or rubber gloves recommended for prolonged or repeated contact.

EYE PROTECTION:

Chemical goggles with side shields or face shield recommended if contact with the eyes is likely.

OTHER PROTECTIVE EQUIPMENT:

Appropriate impervious clothing is recommended if prolonged or repeated contact is likely.

HYGIENIC PRACTICES:

Wash hands before eating or smoking. Smoke in designated areas only.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	:	5585.20	mm Hg @ 20 C
Vapor Density	:	-N/A	
Boiling Range	:	Lower - 1.0	øF
	:	Higher - 353.0	øF
Specific Gravity	:	.681	
Formula weight per Volume	:	5.6736	LB/GL
VOC (Calculated, LB/GAL)	:	4.567	
VOC (Calculated, GM/L)	:	547.26	
Percent Volatile by Weight	:	80.4829	
Percent Volatile by Volume	:	87.7721	
Evaporation Rate	:	.100	(n-Butyl Acetate = 1)
Viscosity	:	-N/A	

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID:

RZ054302.TXT

Avoid contact with heat, sparks, and open flame.
Product may explode if heated. Keep cool, avoid exposure to heat.

INCOMPATIBILITIES:

Strong oxidizing agents.

DECOMPOSITION:

Thermal decomposition may produce carbon dioxide, carbon monoxide, and unidentifiable organic materials.

Product may produce toxic fumes when burned.

POLYMERIZATION:

No hazardous polymerization will occur under normal conditions.

STABILITY:

The product is stable under normal storage conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

No specific information is available. Please refer to Section 2 and 3 for available information on exposure limits and hazards identification.

SECTION 12 - ECOLOGICAL INFORMATION

No specific ecological information is available for this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Place in closed containers. Dispose of product in accordance with local, county, state, and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

Ground shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less:

CONSUMER COMMODITY, ORM-D

Ground shipment of liquid paint in containers more than 1 quart:

PAINT, FLAMMABLE LIQUID, UN1263, CLASS 3, GROUP II

(Regulatory sources: DOT 49CFR 172.101)

Air shipment of limited or excepted quantities of aerosols or liquid paint in containers of 1 quart or less:

CONSUMER COMMODITY, ID 8000, CLASS 9 MISCELLANEOUS LABEL

(Regulatory sources: IATA Quantity Exemptions - Table 2.8.4, 2.7.A, 2.7.5, Packaging Instruction: 910)

OR

AEROSOLS, FLAMMABLE, UN1950, CLASS 2.1 LABEL

(Regulatory sources: IATA Quantity Exemptions - Table 2.8.1, 2.8.4, Packaging Instruction: Y203)

SECTION 15 - REGULATORY INFORMATION

SARA 313 INFORMATION:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

N-HEXANE

CAS# 110-54-3

PCT BY WT: 31.0130

FEDERAL REGULATIONS:

TOXIC SUBSTANCES CONTROL ACT: The chemical substances in this product are listed on the TSCA Section 8 inventory.

STATE REGULATIONS:

NEW JERSEY RIGHT-TO-KNOW

The following non-hazardous ingredients are among the top five components in this product

----- CHEMICAL NAME ----- CAS NUMBER

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3 %

----- CHEMICAL NAME ----- CAS NUMBER

INTERNATIONAL REGULATIONS:

CANADA: The chemical substances in this product are listed on the Canadian Domestic Substances List.

SECTION 16 - OTHER INFORMATION

Manufacturer: Raabe Company, PO Box 1090, Menomonee Falls, WI 53052

The information contained on this MSDS is believed to be reliable and accurate. Due to the changing nature of government information, it is impossible to guarantee the accuracy of the information contained herein. Since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material. This information should not be regarded as legal advice or regulation. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations. For questions relating to specific aspects of the requirements and regulations consult the proper regulatory agency.

HMIS RATINGS:

HEALTH: 2* FLAMMABILITY: 4 REACTIVITY: 0 PERSONAL PROTECTION: G

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