#### MATERIAL SAFETY DATA SHEET

## **SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**Engine Cleaner** PRODUCT NAME: MANUFACTURER:

RBL Products, Inc. NA 6040 Russell Street SYNONYMS: ADDRESS:

PRODUCT CODES: RBL12027

Detroit MI 48211 USA

**Degreasing Detergent** 800-584-8111 PRODUCT USE: **TOLL-FREE PHONE:** 

Super Concentrate 313-873-8806 PHONE NUMBER: Ross Lipson 313-873-8806 **FAX NUMBER:** 

PREPARED BY: 05-Sep-13 DATE PREPARED:

NA DATE REVISED:

# **SECTION 2: COMPOSITION / INGREDIENTS**

Components not listed are either non-hazardous or in concentrations of less than 1%

HAZARDOUS INGREDIENT: CAS NO: % WT: 5064-31-3 30-35% Trisodium Nitrilotriacetate, Monohydrate Sodium Metasilicate 6834-92-0 5-10%

# **SECTION 3: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** May be corrosive to eyes and soft tissue

ROUTE(S) OF ENTRY: **INHALATION:** Yes **SKIN**: Yes **INGESTION:** Yes EYES: Yes POTENTIAL HEALTH EFFECTS INHALATION: Irritant SKIN: Irritant **INGESTION**: Harmful **EYES**: Harmful

Eyes: May cause burns and possible corneal damage. Ingestion: Harmful if swallowed. **ACUTE HEALTH HAZARDS:** 

Skin: Causes irritation. Inhalation: May cause irritation.

CHRONIC HEALTH HAZARDS: Trisodium Nitrilotriacetate, Monohydrate Risk of cancer depends on duration and level of exposure.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE May aggravate pre-existing skin conditions.

CARCINOGENICITY Trisodium Nitrilotriacetate, Monohydrate CAS NO. 5064-31-3

> **OSHA** Not Listed **ACGIH:** Not Listed **NTP**: Anticipated IARC: Category 2B

## **SECTION 4: FIRST AID MEASURES**

Flush with water for at least 15 minutes. Call physician if irritation persists. EYES:

SKIN: Wash with soap and water, see physician if irritation persists.

**INHALATION:** Remove to fresh air, give oxygen if needed.

**INGESTION:** Do not induce vomiting. Get medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No other instructions needed

#### **SECTION 5: FIRE-FIGHTING MEASURES**

NA **FLAMMABLE LIMITS IN AIR** (% BY VOLUME) **UPPER:** LOWER: NA

**FLASH POINT: None** NA C METHOD USED: **AUTOIGNITION TEMPERATURE:** 

NFPA HAZARD CLASSIFICATION: TOXICITY: 1 FLAMMABILITY: 0 REACTIVITY: 0 OTHER:

HMIS HAZARD CLASSIFICATION: HEALTH: 1 FLAMMABILITY: 0 **REACTIVITY**: 0 PROTECTION:

**EXTINGUISHING MEDIA:** Use whatever is appropriate to extinguish adjacent fire.

SPECIAL FIRE FIGHTING PROCEDURES: None **UNUSUAL FIRE AND EXPLOSION HAZARDS: None** 

HAZARDOUS DECOMPOSITION PRODUCTS: None known

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## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **ACCIDENTAL RELEASE MEASURES:**

Contain spill. Remove with inert absorbent material. Wash spill area with water.

## **SECTION 7: HANDLING AND STORAGE**

#### HANDLING AND STORAGE:

Store containers upright with lids (caps) tightly closed. Store between 40F(4C) - 100F(37.7C) Keep from freezing.

OTHER PRECAUTIONS: Keep out of the reach of children. Do not get in eyes or on skin.

# **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

EXPOSURE LIMITS <u>CAS NO:</u> <u>OSHA-PEL</u> <u>ACGIH - TLV</u> <u>STEL</u>

Trisodium Nitrilotriacetate, Monohydrate 5064-31-3

Sodium Metasilicate 6834-92-0 2 mg/m3 TWA 2 mg/m3 10 mg/m3 IDLH

**ENGINEERING CONTROLS:** 

VENTILATION: LOCAL EXHAUST: Adequate MECHANICAL: OTHER:

**RESPIRATORY PROTECTION:** None necessary

EYE PROTECTION: Approved Safety Glasses SKIN PROTECTION: Rubber or Neoprene Gloves

PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash fountain in work area is recommended.

**WORK HYGIENIC PRACTICES:** Observe good housekeeping practices.

**SECTION 8 NOTES: None** 

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE: **Bright Blue** ODOR: Fresh 12.4 pH AS SUPPLIED: PHYSICAL STATE: Clear Viscous Liquid Complete SOLUBILITY IN WATER: **BOILING POINT:** ND F ND C VAPOR PRESSURE (mmHg): ND F С >1 **MELTING POINT: VAPOR DENSITY (AIR = 1):** ND F FREEZING POINT: C SPECIFIC GRAVITY (H2O = 1): 1.07

EVAPORATION RATE: BASIS (Butyl Acetate=1):

## **SECTION 10: STABILITY AND REACTIVITY**

STABILITY: Stable CONDITIONS TO AVOID: None INCOMPATIBILITY (MATERIAL TO AVOID): None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon oxides and silicone oxides

HAZARDOUS POLYMERIZATION: Will not occur CONDITIONS TO AVOID (POLYMERIZATION): NA

## **SECTION 11: TOXICOLOGICAL INFORMATION**

TOXICOLOGICAL INFORMATION:

INGREDIENT: CAS NO: LD50:

Trisodium Nitrilotriacetate, Monohydrat 5064-31-3 Oral / rat: 1100 mgkg. Investigated as a tumorigen and mutagen.

Sodium Metasilicate 6834-92-0 Oral / rat: 1500 mg/kg

# **SECTION 12: ECOLOGICAL INFORMATION**

ECOLOGICAL INFORMATION: ND

MARINE POLLUTANT: Due to its high pH when undiluted or unneutralized, this product may be acutely harmful to aquatic life.

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#### **SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: In accordance with Federal, State and local regulations.

RCRA HAZARD CLASS: NA

## **SECTION 14: TRANSPORT INFORMATION**

**U.S. DEPARTMENT OF TRANSPORTATION (DOT)** 

PROPER SHIPPING NAME: Cleaning Compounds Not regulated in accordance with the 49 CFR

**IATA - AIR TRANSPORTATION** 

PROPER SHIPPING NAME: Cleaning Compounds Not regulated in accordance with IATA

**IMDG - WATER TRANSPORTATION** 

PROPER SHIPPING NAME: Cleaning Compounds Not regulated in accordance with IMDG

OTHER AGENCIES: NA

# **SECTION 15: REGULATORY INFORMATION**

#### **U.S. FEDERAL REGULATIONS**

TSCA (TOXIC SUBSTANCE CONTROL ACT): All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances

## EPA SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

302 EXTREMELY HAZARDOUS SUBSTANCES: None of the chemicals in this product have a TPQ.

304 CERCLA HAZARDOUS SUBSTANCES: None

311/312 HAZARD CLASS: CAS NO.

Trisodium Nitrilotriacetate, Monohydrate 5064-31-3 Acute, Chronic Sodium Metasilicate 6834-92-0 Acute, Chronic

313 TOXIC CHEMICALS:

Trisodium Nitrilotriacetate, Monohydrate 5064-31-3 Listed Chemical Catg: No

STATE REGULATIONS: CAS NO. STATE RIGHT TO KNOW LIST

Trisodium Nitrilotriacetate, Monohydrate 5064-31-3 MA, CA Prop 65 (known to cause cancer)

WHMIS (CANADA) HAZARD SYMBOL AND CLASSIFICATION:

Class D2B: Materials Causing Other Toxic Effects

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# INTERNATIONAL IDENTIFICATION:

Trisodium Nitrilotriacetate, Monohydrate CAS NO: 5064-31-3 EINECS NO. NA

Sodium Metasilicate CAS NO: 6834-92-0 EINECS NO. 229-912-9

#### INTERNATIONAL LISTS:

All chemical substances in this material are included on or exempted from listing on the following lists: Australia (AICS), Canada (DSL/NDSL), Europe (EINECS/ELINCS), Korea (TCCL), Japan (METI), the Philippines (RA6969).

## **SECTION 16: OTHER INFORMATION**

PREPARATION INFORMATION: RBL PRODUCTS, INC. 2013

#### OTHER INFORMATION:

The information and recommendations contained herein are, to the best of RBL Products' knowledge and belief, accurate and reliable as of the date issued. You can contact RBL Products to insure that this document is the most current available. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to insure proper health, safety and other necessary information is included with and/or on the container. Appropriate warnings and safe-handling on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, re-publication or retransmission of this document, in whole or in part, is not permitted.

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