

MATERIAL SAFETY DATA SHEET

RYKO WHEEL WASH FORMULA

RYKO MANUFACTURING CO.
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EMERGENCY PHONE NO.: CHEMTREC 1-800-424-9300 (U.S. and Canada)

SECTION I - PRODUCT INFORMATION

PRODUCT NAME: RYKO Wheel Wash Formula
PRODUCT PART NUMBER(S): 12521-002, 12521-003
CHEMICAL NAMES AND SYNONYMS: N/A
CHEMICAL FAMILY: Alkaline Cleaner
FORMULA: Proprietary Information

SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient</u>	<u>Percent</u>	<u>TLV (units)</u>	<u>PEL Level</u>
Sodium Carbonate	< 60 %	Not established	Not established
Sodium Metasilicate, Pentahydrate	< 40 %	Not established	Not established

SECTION III - PHYSICAL DATA

BOILING POINT: UNK
FREEZING POINT: UNK
VAPOR PRESSURE: UNK
VAPOR DENSITY (AIR = 1):
pH: N/A
APPEARANCE & ODOR: White, granular solid. No odor.

SPECIFIC GRAVITY: UNK
VOLATILE BY VOLUME: UNK
EVAPORATION RATE: (N-Butyl Acetate=1) UNK
SOLUBILITY IN WATER: Appreciable

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: UNK
FLAMMABLE LIMITS (% volume in air): LEL: UNK UEL: UNK
EXTINGUISHING MEDIA: For fires in area, use appropriate media. For example: water spray. Dry chemical. Carbon dioxide. Alcohol foam.
SPECIAL FIRE FIGHTING PROCEDURES: Wear protective clothing including a NIOSH-approved self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not established (OSHA 29 CFR 1910.Z)
Not established (ACGIH 1985-86)
Manufacturer recommends exposure limits of 2 mg/m³ be used as a guide.

EFFECTS OF OVEREXPOSURE

Eye Contact: Causes sever burns and destruction of tissues. Small quantities can result in permanent damage and loss of vision.
Skin Contact: May cause mild irritation to skin. Prolonged contact can be more severe.
Inhalation: Inhalation of dust or mists can cause damage to the upper respiratory tract and to the lung tissue depending on the extent of exposure.
Ingestion: Ingestion can cause very serious damage to the mouth, esophagus, stomach, and other tissues with which contact is made, and may be fatal.

MSDS # 15419-008
PRODUCT # 12521-002
12521-003
REV. B ECO 593-62
APRV: JT DATE: 06/04/93

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EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Immediately flush with plenty of water for a least 15 minutes. Hold eyelids open during this flushing with water. Call a physician immediately.

Skin Contact: Flush area with water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation persists, get medical attention.

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. CALL A PHYSICIAN.

Ingestion: **DO NOT INDUCE VOMITING!!** * If conscious drink a quart of water. CALL A PHYSICIAN immediately. If unconscious or in convulsions, take immediately to a hospital or a physician. NEVER induce vomiting or give anything by mouth to an unconscious victim.

* Because rapid absorption may occur through lungs if aspirated and cause systemic effects, the decision of whether to induce vomiting or not should be made by a physician.

SECTION VI - REACTIVITY DATA

STABILITY: X STABLE UNSTABLE

INCOMPATIBILITY: Food sugars.

HAZARDOUS DECOMPOSITION PRODUCTS: May react with various food sugars to form carbon monoxide.

HAZARDOUS POLYMERIZATION: WILL OCCUR X WILL NOT OCCUR

CONDITIONS TO AVOID: N/A

SECTION VII - SPILL AND LEAK PROCEDURES

SPILL OR LEAK PROCEDURES: Evacuate unprotected personnel from area. Maintain adequate ventilation. Use proper safety equipment.

Sweep up material into containers and dispose of properly. Flush remaining area with water to remove trace residue and dispose of properly.

WASTE DISPOSAL METHODS: Observe all local, state, and federal regulations. If approved, flush to sewer with large quantities of water. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, flame, sparks, or other sources of ignition.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: U.S. Bureau of Mines-approved dust mask.

VENTILATION REQUIRED: Maintain adequate ventilation. Avoid accumulation of dust. Avoid mist formation.

EYES: Safety glasses. Chemical safety goggles.

PROTECTIVE GLOVES: Rubber (latex). Neoprene. Polyvinyl chloride.

OTHER PROTECTIVE MEASURES: Eye-wash station, rubber apron, protective clothing.

SECTION IX - ADDITIONAL INFORMATION

In accord with the philosophy established by the Occupational Safety and Health Administrations Hazard Communication Final Rule, 1985, this Material Safety Data Sheet has been designed to emphasize the hazardous portions (ingredients) utilized in the total formulation. As a result, the information herein stresses the most hazardous component(s) only. By this approach, we feel better knowledge and awareness should substantially contribute to reduce exposure and injury to workers involved with the use of this product.

It is readily understood that accidents do happen. More importantly, it must be stressed that ACCIDENTS CAN BE PREVENTED! The information supplied in this document is presented for exactly this purpose. As required by law, its data should be thoroughly read and made available to anyone who may be responsible for handling this material.

All data provided relates to the concentrated product as shipped. Actual usage rates and further dilutions will, in most cases, greatly reduce, if not eliminate, the potential for worker injury. We promote, however, any and all chemical products should be handled with extreme care and only by authorized and informed personnel.

SECTION X - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: **HYGROSCOPIC MATERIAL.** Avoid contact with moisture. Store in closed containers. Do not store in unlabeled or mislabeled containers.

Other Precautions: Avoid contact with skin and eyes. Do not swallow. Avoid dust or mist formation. Wash thoroughly after handling.

As a general rule, prevent and protect this product from unauthorized use. For commercial use only! Keep out of reach of children.

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For Field Use Only

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< = LESS THAN
> = MORE THAN
UNK = UNKNOWN

N/A = NOT APPLICABLE
N/D = NOT DETERMINED
N/E = NOT ESTABLISHED

The information and recommendations provided in this Material Safety Data Sheet have been obtained from data we believe to be reliable. We provide no warranties, expressed or implied, or accept no responsibility for loss associated with the use or handling of this product. This information is offered for your review and consideration. Efforts should be extended to determine the applicability of this product for your specific intended use. RYKO Manufacturing Company knows of no medical condition, other than those noted on the Material Safety Data Sheet, which are generally recognized as being aggravated by exposure to this product.

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