



Safety Data Sheet (SDS)

Royal Bocar Inc.
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888-712-6227

SECTION 1: PRODUCT AND COMPANY INFORMATION

SUPPLIER / DISTRIBUTOR

Royal Bocar Inc.
341 Isabey
St-Laurent, Quebec H4T 1Y2

Telephone: 888-712-6227

Emergency Telephone: 800-535-5053

PRODUCT IDENTIFIER

669 – All Star Wheel Acid

OTHER COMMON NAMES OR SYNONYMS

Section 2: Hazard(s) Identification

GHS CLASSIFICATION

HAZARD CLASSIFICATION

Skin corrosion/irritation(Category 1A, 1B, 1C)
Serious eye damage/eye irritation(Category 1)
Acute toxicity, inhalation(Category 1,2)
Acute toxicity, dermal(Category 1, 2)
Acute toxicity, oral(Category 1, 2)
Hazardous to the aquatic environment, long-term hazard(Category 3)
Serious eye damage/eye irritation(Category 2A)
Acute toxicity, inhalation(Category 4)

GHS LABEL ELEMENTS



Signal Word: Danger

HAZARD STATEMENT

Causes severe skin burns and eye damage. Causes serious eye damage. Fatal if inhaled. Fatal in contact with skin. Fatal if swallowed. Harmful to aquatic life with long lasting effects. Causes serious eye irritation. Harmful if inhaled.

PRECAUTIONARY STATEMENTS (PREVENTION)

Do not breathe dust/fumes/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection.

PRECAUTIONARY STATEMENTS (RESPONSE)

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

PRECAUTIONARY STATEMENTS (STORAGE):

Store locked up.

PRECAUTIONARY STATEMENTS (DISPOSAL):

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

OTHER HAZARDS

No data.

Section 3: Composition/Information on Ingredients

The identity of individual components of this mixture is proprietary information and is regarded to be a trade secret and is withheld in accordance with paragraph (i) of §1910.1200.

Ingredient	% by Wt.
Acidic Compounds	50-80%

Section 4: First-Aid Measures

EYE CONTACT: Corrosive to the eyes. Symptoms of redness, pain, blurred vision, and permanent eye damage may occur.

INHALATION: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

SKIN CONTACT: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Corrosive to the skin. Skin contact causes serious skin burn which may not be immediately be apparent or painful.

INGESTION: Do NOT induce vomiting. May cause sore throat, abdominal pain, diarrhea, vomiting, severe burns of the digestive tract, and kidney dysfunction. Rinse mouth out with water. Consult a physician.

Most important symptoms/effects, acute and delayed: None known. See section 11.

SPECIFIC TREATMENTS: No data available.

PROTECTION OF FIRST-AIDERS: No special precautions are necessary for first aid responders.

Section 5: Fire-Fighting Measures

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: None inherent in this product.

SUITABLE EXTINGUISHING MEDIA: Use an extinguishing agent suitable for the surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA: Water. Do not use water jet as an extinguisher, as this will spread the fire.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Thermal decomposition products-carbon monoxide, sulfur oxides, metal oxide/ oxides, halogenated compounds.

SPECIAL FIRE FIGHTING PROCEDURES: In a fire or if heated, a pressure increase will occur and the container may burst.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Fire-fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

Section 6: Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Soak up with an inert absorbent material and dispose of as a hazardous waste. Keep in suitable, closed containers for disposal.

ENVIRONMENTAL PRECAUTIONS:

Do not let product enter drains.

Section 7: Handling and Storage

PRECAUTIONS FOR SAFE HANDLING

Wear proper personal protective equipment. Avoid breathing vapor or mist.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section 8: Exposure Controls/Personal Protection

CONTROL PARAMETERS

Ingredients	CAS	Value type (Form of exposure)	Control parameters Permissible concentration	Basis
Sulfuric acid		ACGIH PEL	0.5ppm	
Sulfuric acid		OSHA/ACGIH STEL	0.2 mg/m3	
Hydrofluoric acid		ACGIH PEL	0.5ppm	
Hydrofluoric acid		OSHA/ACGIH STEL	0.2 mg/m3	

ENGINEERING MEASURES

Apply technical measures to comply with occupational exposure limits. Mechanical ventilation, eyewash stations, showers where necessary.

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION

Safety eyewear/face shield complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

SKIN/HAND PROTECTION

Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

RESPIRATORY PROTECTION

Use a properly fitted air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates necessity. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product & the safe working limits of the chosen respirator.

HYGIENE MEASURES

When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Eye wash fountains and safety showers must be easily accessible. Wear protective clothing as necessary to prevent contact.

Section 9: Physical and Chemical Properties

PHYSICAL STATE	FLASH POINT	VAPOR DENSITY
Liquid	No data available.	No data available.
FORM	EVAPORATION RATE	RELATIVE DENSITY
Liquid	No data available.	No data available
COLOR	FLAMMABILITY (SOLID, GAS)	SOLUBILITY IN WATER
Blue	No data available.	No data available
ODOR	FLAMMABILITY LIMIT - UPPER (%)	SOLUBILITY (OTHER)
Acid.	No data available.	No data available.
ODOR THRESHOLD	FLAMMABILITY LIMIT - LOWER (%)	PARTITION COEFFICIENT
No data available.	No data available.	No data available.
PH	EXPLOSIVE LIMIT - UPPER (%)	AUTO-IGNITION TEMPERATURE
<1	No data available.	No data available.
FREEZING POINT	EXPLOSIVE LIMIT - LOWER (%)	DECOMPOSITION TEMPERATURE
No data available	No data available.	No data available.
BOILING POINT	VAPOR PRESSURE	VISCOSITY
No data available	No data available.	No data available

Section 10: Stability and Reactivity

REACTIVITY

Reactive with metals

CHEMICAL STABILITY

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

None under normal conditions.

CONDITIONS TO AVOID

Avoid heat and open flames.

INCOMPATIBLE MATERIALS

strong oxidizers, alkalis. Reacts with metals producing flammable hydrogen gas which can form explosive mixtures with air.

HAZARDOUS DECOMPOSITION PRODUCTS

No hazardous decomposition products if stored and handled as prescribed/indicated. Hazardous decomposition products: carbon oxides, nitrogen oxides, nitrous gases.

Section 11: Toxicological Information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Based on test data and/or information on the components, this material may produce the following health effects:

INHALATION: mist may be mild to strong irritant, corrosive.

SKIN CONTACT: Skin irritation, can cause burns with contact

EYE CONTACT: Severe eye irritation, burns

INGESTION: Corrosive to mucous membranes.

Target Organ Effects:

No data available.

TOXICOLOGICAL DATA

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Hydrochloric acid

LDL [Man] Oral; 2857 ug/kg

LCL [Human] - Route: Inhalation; Dose: 1300 ppm/30M

LCL [Rabbit] - Route: Inhalation; Dose: 4413 ppm/30M

LD50 [oral, rat]; 700 mg/kg

LC50 [rat]; 3124 (1 hour)

Sulfuric Acid

ORAL LD50 Rat 2140 mg/kg

INHALATION LC50-2H Mouse 320 MG/M3

INHALATION LC50-2H Rat 510 MG/M3

INHALATION LC50-1H Rat 347ppm

Skin Corrosion / Irritation

Causes severe skin burns.

Serious Eye Damage/Irritation

Causes serious eye damage

Skin Sensitization

It is not a skin sensitizer.

Respiratory Sensitization

It is not a respiratory sensitizer.

Germ Cell Mutagenicity

There is no evidence of mutagenic potential.

Carcinogenicity

There is no evidence of carcinogenic potential.

Reproductive Toxicity

There is no evidence of reproductive toxicity.

Specific Target Organ Toxicity - single exposure

No data available.

Specific Target Organ Toxicity - repeated exposure

No data available.

Section 12: Ecological Information (non-mandatory)**Section 13: Disposal Considerations (non-mandatory)****Section 14: Transport Information (non-mandatory)****Section 15: Regulatory Information (non-mandatory)****Section 16: Other Information****PREPARATION / REVISION DATE**

04/17/2018

OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

DISCLAIMER

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