

Safety Data Sheet according to GHS

Printing date 19.12.2022

Revision: 19.12.2022

1 Identification

- **Product identifier**
- **Trade name:** ISLAND 440RC RUST CONVERTER
- **Article number:** CWCCHO-00044
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Treasure Island Industrial Corp.
No.2, 3rd Ave. S. Osmeña Blvd.
North Reclamation Area
Cebu City 6000
PHILIPPINES
doo@treasureisland.com.ph
- **Further information obtainable from:** Product safety department
- **Emergency telephone number:** During normal opening times: +63 32 232 05 13

2 Hazard identification

- **Classification of the substance or mixture**

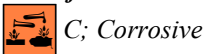

 Flam. Liq. 2 H225 Highly flammable liquid and vapour.

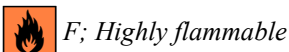

 Skin Corr. 1B H314 Causes severe skin burns and eye damage.
 Eye Dam. 1 H318 Causes serious eye damage.


 STOT SE 3 H336 May cause drowsiness or dizziness.

 Acute Tox. 5 H303 May be harmful if swallowed.
 Acute Tox. 5 H333 May be harmful if inhaled.
 Aquatic Acute 3 H402 Harmful to aquatic life.
 Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
 CWCCHO-00044

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**


 R34: Causes burns.



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R11: *Highly flammable.*

R52/53-67: *Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Vapours may cause drowsiness and dizziness.*

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· **Label elements**

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Code letter and hazard designation of product:**



C Corrosive
F Highly flammable

· **Hazard-determining components of labelling:**

phosphoric acid

· **Risk phrases:**

11 *Highly flammable.*

34 *Causes burns.*

52/53 *Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*

67 *Vapours may cause drowsiness and dizziness.*

· **Safety phrases:**

1/2 *Keep locked up and out of the reach of children.*

26 *In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.*

29/56 *Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.*

36/37/39 *Wear suitable protective clothing, gloves and eye/face protection.*

45 *In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).*

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** *Not applicable.*

· **vPvB:** *Not applicable.*

3 Composition / information on ingredients

· **Chemical characterisation: Mixtures**

· **Description:** *Mixture of substances listed below with nonhazardous additions.*

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· Dangerous components:	
CAS: 7664-38-2	phosphoric acid  C R34  Skin Corr. 1B, H314 Specific concentration limits: Skin Corr. 1B; H314: C ≥ 25 % Skin Irrit. 2; H315: 10 % ≤ C < 25 % Eye Irrit. 2; H319: 10 % ≤ C < 25 %
CAS: 67-63-0	Isopropyl Alcohol  Xi R36  F R11 R67  Flam. Liq. 2, H225  Eye Irrit. 2, H319; STOT SE 3, H336 Acute Tox. 5, H333
	Zinc Oxide  N R50/53  Aquatic Acute 1, H400; Aquatic Chronic 1, H410
CAS: 111-76-2	Normal Butyl Cellulolve  Xn R20/21/22  Xi R36/38  Flam. Liq. 3, H226  Eye Dam. 1, H318  Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315
	Block Copolymer  Acute Tox. 2, H300

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

* 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water
- **Special hazards arising from the substance or mixture** No further relevant information available.

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- **Advice for firefighters**
- **Protective equipment:** No special measures required.

* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralising agent.
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
Do not flush with water or aqueous cleansing agents
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls / personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

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 · **Control parameters**

 · **Ingredients with limit values that require monitoring at the workplace:**
CAS: 7664-38-2 phosphoric acid

 PEL (USA) Long-term value: 1 mg/m³

 REL (USA) Short-term value: 3 mg/m³
 Long-term value: 1 mg/m³

 TLV (USA) Short-term value: 3 mg/m³
 Long-term value: 1 mg/m³
CAS: 67-63-0 Isopropyl Alcohol

 PEL (USA) Long-term value: 980 mg/m³, 400 ppm

 REL (USA) Short-term value: 1225 mg/m³, 500 ppm
 Long-term value: 980 mg/m³, 400 ppm

 TLV (USA) Short-term value: 400 ppm
 Long-term value: 200 ppm
 BEI, A4

CAS: 111-76-2 Normal Butyl Cellusolve

 PEL (USA) Long-term value: 240 mg/m³, 50 ppm
 Skin

 REL (USA) Long-term value: 24 mg/m³, 5 ppm
 Skin

 TLV (USA) Long-term value: 20 ppm
 BEI, A3

 · **Ingredients with biological limit values:**
CAS: 67-63-0 Isopropyl Alcohol

 BEI (USA) 40 mg/L
 Medium: urine
 Time: end of shift at end of workweek
 Parameter: Acetone (background, nonspecific)

CAS: 111-76-2 Normal Butyl Cellusolve

 BEI (USA) 200 mg/g creatinine
 Medium: urine
 Time: end of shift
 Parameter: Butoxyacetic acid (BAA) (with hydrolysis)

 · **Additional information:** The lists valid during the making were used as basis.

 · **Exposure controls**

 · **Personal protective equipment:**

 · **General protective and hygienic measures:**

 Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing
 Wash hands before breaks and at the end of work.
 Avoid contact with the eyes and skin.

 · **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

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· Protection of hands:


Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:


Tightly sealed goggles

* 9 Physical and chemical properties

· Information on basic physical and chemical properties
· General Information
· Appearance:

Form:	Fluid
Colour:	According to product specification
· Odour:	Characteristic
· Odour threshold:	Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	82 °C

· Flash point: < 23 °C

· Flammability (solid, gas): Not applicable.

· Ignition temperature: 425 °C

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Product is not selfigniting.

· Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

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· Explosion limits:	
Lower:	2 Vol %
Upper:	12 Vol %
· Vapour pressure at 20 °C:	43 hPa
· Density at 20 °C:	1.11 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Fully miscible.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	25.0 %
Water:	42.8 %
VOC (EC)	24.98 %
Solids content:	2.3 %
· Other information	No further relevant information available.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

· LD/LC50 values relevant for classification:		
CAS: 67-63-0 Isopropyl Alcohol		
Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 mg/l (rat)

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Zinc Oxide		
Oral	LD50	>5,000 mg/kg (rat)
CAS: 111-76-2 Normal Butyl Cellusolve		
Oral	LD50	1,200 mg/kg (ATE) 1,480 mg/kg (rat)
Dermal	LD50	400 mg/kg (rab)
Block Copolymer		
Oral	LD50	>8 mg/kg (rat)
Irritation of skin	skin irritation	(rabbit)
Irritation of eyes	eye irritation	(rabbit)

- **Primary irritant effect:**

- **Skin corrosion/irritation** Caustic effect on skin and mucous membranes.

- **Serious eye damage/irritation** Strong caustic effect.

- **Respiratory or skin sensitisation** No sensitising effects known.

- **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Corrosive

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Harmful to fish

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Harmful to aquatic organisms

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

<ul style="list-style-type: none"> · UN-Number · ADR, IMDG, IATA 	UN2924
<ul style="list-style-type: none"> · UN proper shipping name · ADR · IMDG, IATA 	2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL), PHOSPHORIC ACID, SOLUTION) FLAMMABLE LIQUID, CORROSIVE, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL), PHOSPHORIC ACID, SOLUTION)
<ul style="list-style-type: none"> · Transport hazard class(es) · ADR 	<div style="display: flex; align-items: center; gap: 20px;">   </div>
<ul style="list-style-type: none"> · Class · Label 	3 Flammable liquids. 3+8
<ul style="list-style-type: none"> · IMDG 	<div style="display: flex; align-items: center; gap: 20px;">   </div>
<ul style="list-style-type: none"> · Class · Label 	3 Flammable liquids. 3/8
<ul style="list-style-type: none"> · IATA 	<div style="display: flex; align-items: center; gap: 20px;">   </div>
<ul style="list-style-type: none"> · Class · Label 	3 Flammable liquids. 3 (8)

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<ul style="list-style-type: none"> · Packing group · ADR, IMDG, IATA 	<p style="text-align: center;">II</p>
<ul style="list-style-type: none"> · Environmental hazards: · Marine pollutant: 	<p style="text-align: center;">No</p>
<ul style="list-style-type: none"> · Special precautions for user · Hazard identification number (Kemler code): · EMS Number: 	<p style="text-align: center;">Warning: Flammable liquids. 338 F-E,S-C</p>
<ul style="list-style-type: none"> · Transport in bulk according to Annex II of Marpol and the IBC Code 	<p style="text-align: center;">Not applicable.</p>
<ul style="list-style-type: none"> · Transport/Additional information: 	
<ul style="list-style-type: none"> · ADR · Limited quantities (LQ) · Excepted quantities (EQ) 	<p style="text-align: center;">IL Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml</p>
<ul style="list-style-type: none"> · Transport category 	<p style="text-align: center;">2</p>
<ul style="list-style-type: none"> · IMDG · Limited quantities (LQ) · Excepted quantities (EQ) 	<p style="text-align: center;">IL Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml</p>
<ul style="list-style-type: none"> · UN "Model Regulation": 	<p style="text-align: center;">UN 2924 FLAMMABLE LIQUID, CORROSIVE, N.O.S. (ISOPROPANOL (ISOPROPYL ALCOHOL), PHOSPHORIC ACID, SOLUTION), 3 (8), II</p>

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

<ul style="list-style-type: none"> · Philippines Inventory of Chemicals and Chemical Substances 	
CAS: 7732-18-5	water, distilled, conductivity or of similar purity
CAS: 7664-38-2	phosphoric acid
CAS: 67-63-0	Isopropyl Alcohol
	Zinc Oxide
CAS: 111-76-2	Normal Butyl Cellusolve

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category** P5c FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

- H225 *Highly flammable liquid and vapour.*
- H226 *Flammable liquid and vapour.*
- H300 *Fatal if swallowed.*
- H302 *Harmful if swallowed.*
- H312 *Harmful in contact with skin.*
- H314 *Causes severe skin burns and eye damage.*
- H315 *Causes skin irritation.*
- H318 *Causes serious eye damage.*
- H319 *Causes serious eye irritation.*
- H332 *Harmful if inhaled.*
- H333 *May be harmful if inhaled.*
- H336 *May cause drowsiness or dizziness.*
- H400 *Very toxic to aquatic life.*
- H410 *Very toxic to aquatic life with long lasting effects.*
- R11 *Highly flammable.*
- R20/21/22 *Harmful by inhalation, in contact with skin and if swallowed.*
- R34 *Causes burns.*
- R36 *Irritating to eyes.*
- R36/38 *Irritating to eyes and skin.*
- R50/53 *Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.*
- R67 *Vapours may cause drowsiness and dizziness.*

· **Department issuing SDS:** Product safety department

· **Contact:** Mr. Ong

· **Abbreviations and acronyms:**

- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
- ICAO: International Civil Aviation Organisation
- ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
- ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 2: Flammable liquids – Category 2
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 2: Acute toxicity – Category 2
- Acute Tox. 4: Acute toxicity – Category 4
- Acute Tox. 5: Acute toxicity – Category 5
- Skin Corr. 1B: Skin corrosion/irritation – Category 1B
- Skin Irrit. 2: Skin corrosion/irritation – Category 2
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1

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Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
· *** Data compared to the previous version altered.**

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