

Version 1.1 SDS Number: 400000005634 Revision Date: 08/02/2020

SECTION 1. IDENTIFICATION

Product name : PURELL® Advanced Green Certified Hand Sanitizer Foam

Manufacturer or supplier's details

Company name of supplier : GOJO Industries, Inc.

Address : One GOJO Plaza, Suite 500

Akron, Ohio 44311

Telephone : 1 (330) 255-6000

Emergency telephone : CHEMTREC 1-800-424-9300

number CHEMTREC +1-703-527-3887: Outside USA & CANADA

Recommended use of the chemical and restrictions on use

Recommended use : Hand Sanitizer

Restrictions on use : This is a personal care or cosmetic product that is safe for

consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific

provided on the package or instruction sheet.

intended-use guidance, please refer to the information

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Category 3

Eye irritation : Category 2A

GHS label elements

Hazard pictograms





Signal word : Warning

Hazard statements : H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**

P210 Keep away from heat/sparks/open flames/hot surfaces. -

No smoking.

P233 Keep container tightly closed.



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P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P280 Wear eye protection/ face protection.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/

attention.

P370 + P378 In case of fire: Use dry sand, dry chemical or

alcohol-resistant foam for extinction.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/ container to an approved waste

disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Chemical name	CAS-No.	Concentration (%)
Ethyl Alcohol	64-17-5	>= 60 - < 70
Isopropyl Alcohol	67-63-0	>= 1 - < 5

SECTION 4. FIRST AID MEASURES

General advice : In the case of accident or if you feel unwell, seek medical

advice immediately.

When symptoms persist or in all cases of doubt seek medical

advice.

If inhaled : If inhaled, remove to fresh air.

If symptoms persist, call a physician.

In case of skin contact : Wash with water and soap as a precaution.

Get medical attention if irritation develops and persists.

In case of eye contact : In case of contact, immediately flush eyes with plenty of water

for at least 15 minutes.

If easy to do, remove contact lens, if worn.

Seek medical advice.

If swallowed : Do NOT induce vomiting.

Rinse mouth with water. Obtain medical attention.

Most important symptoms and effects, both acute and

delayed

: Causes serious eye irritation.

Protection of first-aiders

: First Aid responders should pay attention to self-protection

and use the recommended protective clothing



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SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray

Alcohol-resistant foam

Dry chemical

Carbon dioxide (CO2)

Unsuitable extinguishing

media

: High volume water jet

Specific hazards during

firefighting

: Do not use a solid water stream as it may scatter and spread

fire.

Cool closed containers exposed to fire with water spray.

Flash back possible over considerable distance.

May form explosive mixtures in air.

Exposure to decomposition products may be a hazard to

health.

Carbon oxides Silicon oxides

Hazardous combustion

products

: Carbon oxides

Silicon oxides

Specific extinguishing

methods

: Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Use water spray to cool unopened containers.

Further information : Fire residues and contaminated fire extinguishing

: Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

Special protective equipment

for firefighters

In the event of fire, wear self-contained breathing apparatus.

Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

Keep people away from and upwind of spill/leak.

Material can create slippery conditions.

Environmental precautions : Discharge into the environment must be avoided.

Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water.

Local authorities should be advised if significant spillages

cannot be contained.

Methods and materials for containment and cleaning up

: Non-sparking tools should be used. Soak up with inert absorbent material.

Suppress (knock down) gases/vapours/mists with a water

spray jet.

Keep in suitable, closed containers for disposal.

Clean contaminated floors and objects thoroughly while

observing environmental regulations.

SECTION 7. HANDLING AND STORAGE



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Advice on safe handling : For personal protection see section 8.

Keep away from heat.

Use with local exhaust ventilation.

Avoid contact with eyes.

Conditions for safe storage : Take measures to prevent the build up of electrostatic charge.

Keep in properly labelled containers.

Keep containers tightly closed in a cool, well-ventilated place. Store in accordance with the particular national regulations.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethyl Alcohol	64-17-5	TWA	1,000 ppm 1,900 mg/m3	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m3	OSHA Z-1
		STEL	1,000 ppm	ACGIH
Isopropyl Alcohol	67-63-0	TWA	200 ppm	ACGIH
		STEL	400 ppm	ACGIH
		TWA	400 ppm 980 mg/m3	NIOSH REL
		ST	500 ppm 1,225 mg/m3	NIOSH REL
		TWA	400 ppm 980 mg/m3	OSHA Z-1

Biological occupational exposure limits

Components	CAS-No.	Control parameters	Biological specimen	Samplin g time	Permissible concentratio n	Basis
Isopropyl Alcohol	67-63-0	Acetone	Urine	End of shift at end of workwee k	40 mg/l	ACGIH BEI

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally

required.

Hand protection

Remarks : No special protective equipment required.

Eye protection : Wear face-shield and protective suit for abnormal processing

problems.

Skin and body protection : No special protective equipment required.

Protective measures : Choose body protection in relation to its type, to the

concentration and amount of dangerous substances, and to

the specific work-place.

Ensure that eye flushing systems and safety showers are

located close to the working place.

Hygiene measures : Handle in accordance with good industrial hygiene and safety

practice.



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Avoid contact with eyes.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance liquid

Colour clear, colourless, yellow

alcohol-like Odour

6 - 9 pН

Melting point/freezing point : No data available : 73 °C

Initial boiling point and boiling

range

: 26.00 °C Flash point

Evaporation rate : No data available

Flammability (solid, gas) : Not applicable

Flammability (liquids) : No data available

Upper explosion limit : No data available

No data available Lower explosion limit

Vapour pressure : No data available

Relative vapour density No data available

Density 0.8738 g/cm3

Solubility(ies)

Water solubility : soluble

Partition coefficient: n-

octanol/water

: Not applicable

Auto-ignition temperature : not determined

: The substance or mixture is not classified self-reactive. Thermal decomposition

Viscosity

Viscosity, kinematic : 10 - 20 mm2/s (20 °C)

Explosive properties : Not explosive

Oxidizing properties The substance or mixture is not classified as oxidizing.

Molecular weight : Not applicable

SECTION 10. STABILITY AND REACTIVITY

: Not classified as a reactivity hazard. Reactivity Stable under normal conditions. Chemical stability

Possibility of hazardous

reactions

Vapours may form explosive mixture with air.



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Conditions to avoid : Heat, flames and sparks. Incompatible materials : Strong oxidizing agents

Flammable solids

Water-reactive substances

Hazardous decomposition

products

: No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation Skin contact Eye contact

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg

Method: Calculation method

Components:

Ethyl Alcohol:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 124.7 mg/l

Exposure time: 4 h
Test atmosphere: vapour

Isopropyl Alcohol:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg

Acute inhalation toxicity : LC50 (Rat): 72.6 mg/l

Exposure time: 4 h
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rat): > 5,000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

Components:

Ethyl Alcohol: Species: Rabbit

Method: OECD Test Guideline 404

Result: No skin irritation

Isopropyl Alcohol:

Species: Rabbit

Result: No skin irritation

Serious eye damage/eye irritation

Causes serious eye irritation.



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Components:

Ethyl Alcohol: Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

Method: OECD Test Guideline 405

Isopropyl Alcohol: Species: Rabbit

Result: Irritation to eyes, reversing within 21 days

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

Components: Ethyl Alcohol:

Test Type: Local lymph node assay (LLNA)

Exposure routes: Skin contact

Species: Mouse Result: negative

Isopropyl Alcohol:

Test Type: Buehler Test Exposure routes: Skin contact

Species: Guinea pig

Method: OECD Test Guideline 406

Result: negative

Germ cell mutagenicity

Not classified based on available information.

Components:

Ethyl Alcohol:

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test

Result: negative

Genotoxicity in vivo : Test Type: Rodent dominant lethal test (germ cell) (in vivo)

Test species: Mouse Application Route: Ingestion

Result: negative

Isopropyl Alcohol:

Genotoxicity in vitro : Test Type: Bacterial reverse mutation assay (AMES)

Result: negative

Genotoxicity in vivo : Test Type: Mammalian erythrocyte micronucleus test (in vivo

cytogenetic assay) Test species: Mouse

Application Route: Intraperitoneal injection

Result: negative

Carcinogenicity

Not classified based on available information.



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Components:

Isopropyl Alcohol:

Species: Rat

Application Route: inhalation (vapour)

Exposure time: 104 weeks

Method: OECD Test Guideline 451

Result: negative

IARC No component of this product present at levels greater than or

equal to 0.1% is identified as probable, possible or confirmed

human carcinogen by IARC.

OSHANo component of this product present at levels greater than or

equal to 0.1% is identified as a carcinogen or potential

carcinogen by OSHA.

NTP No component of this product present at levels greater than or

equal to 0.1% is identified as a known or anticipated carcinogen

by NTP.

Reproductive toxicity

Not classified based on available information.

Components:

Ethyl Alcohol:

Effects on fertility : Test Type: Two-generation reproduction toxicity study

Species: Mouse

Application Route: Ingestion Method: OECD Test Guideline 416

Result: negative

Isopropyl Alcohol:

Effects on fertility : Test Type: Two-generation reproduction toxicity study

Species: Rat

Application Route: Ingestion

Result: negative

Effects on foetal : Test Type: Embryo-foetal development

development Species: Rat

Application Route: Ingestion

Result: negative

STOT - single exposure

Not classified based on available information.

Components:

Isopropyl Alcohol:

Assessment: May cause drowsiness or dizziness.

STOT - repeated exposure

Not classified based on available information.

Repeated dose toxicity

Components:



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Ethyl Alcohol: Species: Rat

NOAEL: 2,400 mg/kg Application Route: Ingestion

Exposure time: 2 y

Isopropyl Alcohol:

Species: Rat NOAEL: 5000 ppm

Application Route: inhalation (vapour)

Exposure time: 104 w

Method: OECD Test Guideline 413

Aspiration toxicity

Not classified based on available information.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Ethyl Alcohol:

: LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l Toxicity to fish

Exposure time: 96 h

Toxicity to daphnia and other

aquatic invertebrates

: EC50 (Daphnia magna (Water flea)): > 1,000 mg/l

Exposure time: 48 h

: EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l Toxicity to algae

Exposure time: 72 h

Exposure time: 9 d

Method: OECD Test Guideline 201

: NOEC (Daphnia magna (Water flea)): 9.6 mg/l

Toxicity to daphnia and other

aquatic invertebrates (Chronic toxicity)

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): 32.1 mg/l

Exposure time: 0.25 h

Isopropyl Alcohol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 10,000 mg/l

Exposure time: 96 h

Toxicity to daphnia and other

aquatic invertebrates

: EC50 (Daphnia magna (Water flea)): > 10,000 mg/l

Exposure time: 24 h

Toxicity to bacteria : EC50 (Pseudomonas putida): > 1,050 mg/l

Exposure time: 16 h

Persistence and degradability

Components:

Ethyl Alcohol:

Biodegradability : Result: Readily biodegradable.

Biodegradation: 84 %



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Exposure time: 20 d

Isopropyl Alcohol:

Biodegradability : Result: rapidly degradable

Bioaccumulative potential

Components:

Ethyl Alcohol:

Partition coefficient: n- : log Pow: -0.35

octanol/water

Isopropyl Alcohol:

Partition coefficient: n- : log Pow: 0.05

octanol/water

Mobility in soil
No data available

Other adverse effects

No data available

Product:

Regulation 40 CFR Protection of Environment; Part 82 Protection of

Stratospheric Ozone - CAA Section 602 Class I Substances

Remarks This product neither contains, nor was manufactured with a

Class I or Class II ODS as defined by the U.S. Clean Air Act

Section 602 (40 CFR 82, Subpt. A, App.A + B).

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Dispose of as unused product.

Empty containers should be taken to an approved waste

handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulation

IATA-DGR

UN/ID No. : UN 1987
Proper shipping name : Alcohols, n.o.s.

(Ethanol, Propan-2-ol)

Class : 3
Packing group : III
Packing instruction (cargo : 366

aircraft)

Packing instruction : 355

(passenger aircraft)

IMDG-Code

UN number : UN 1987



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Proper shipping name : ALCOHOLS, N.O.S.

(Ethanol, Propan-2-ol)

Class : 3
Packing group : III
Labels : 3

EmS Code : F-E, S-D Marine pollutant : no

National Regulations

49 CFR

UN/ID/NA number : UN 1987
Proper shipping name : Alcohols, n.o.s.

Class : 3
Packing group : III
ERG Code : 127
Marine pollutant : no

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

SARA 311/312 Hazards : Fire Hazard

Acute Health Hazard

SARA 302 : No chemicals in this material are subject to the reporting

requirements of SARA Title III, Section 302.

SARA 313 : The following components are subject to reporting levels

established by SARA Title III, Section 313:

Isopropyl Alcohol 67-63-0 3.4086 %

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCMI

Intermediate or Final VOC's (40 CFR 60.489):

Ethyl Alcohol 64-17-5 65.2821 % Isopropyl Alcohol 67-63-0 3.4086 %

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section

450.

California Prop 65 This product does not require a warning label under California

Proposition 65.

The components of this product are reported in the following inventories:

TSCA : On the inventory, or in compliance with the inventory

AICS : On the inventory, or in compliance with the inventory

DSL : On the inventory, or in compliance with the inventory



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ISHL : On the inventory, or in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

ENCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

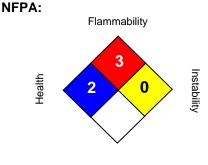
NZIoC : On the inventory, or in compliance with the inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information



Special hazard.

HMIS III:

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,

2 = Moderate, 3 = High 4 = Extreme, * = Chronic

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

MATERIAL SAFETY DATA SHEET

Manufacturer

Name of Company : Changzhou Anyida Power Technology Co. Ltd

Address : No.60 Tianshan Road, Xinbei Area,

Changzhou, China

Tel. No : 051983270441
Ref. No. : MSDS2017CR
Issued : 01/JAN/2017

Name of Product : Lithium/ Manganese Dioxide Cell.

Chemical System : MnO2/Li

Volts : 3V.

Model no. & Composition : PLEASE SEE PAGE 7

Substance Identification

Substance : Lithium Metal Cell.

UN Class : Even classified as Lithium Metal Cell, 2017 IATA

dangerous Goods Regulations 58th Edition Packing Instruction (PI) 970 section I/II UN3091 is complied. The product is handled as Non-Dangerous Goods

by meeting the following requirements.

1) for Cells, the aggregate lithium content is not

more than 1g,

2) each cell is of the type proven to meet the requirement of each test in the UN Manual of Test

and Criteria Part III subsection 38.3.

3) they are out of scope for IATA SP A154 and

comply with IATA SP A164. Cells must be packed

in strong outer packagings that conform to 4.1.1.1,1.1.3.1 and 1.1.10 (except 1.1.10.1)

Hazardous and Toxicity Class

Class Name : Not applicable for regulated class.

Hazard : It may cause heat generation or electrolyte leakage

If battery terminate contact with other metals,
Electrolyte is flammable. In case of electrolyte
Leakage, move the cell from fire immediately.

Toxicity : Vapor generated from burning cells, may make

Eyes, skin and throat irritate.

First Aid Measures

The product contains organic electrolyte, in case of electrolyte leakage from the cell, actions described below are required.

Eye contact : Flush the eyes with plenty of clean water for at least

15 minutes immediately, without rubbing. Take a Medical treatment. If appropriate procedures are not

taken, this may cause an eye irritation.

Skin contact : Wash this contact areas off immediately with plenty

of water and soap. If appropriate procedures are

not taken, this may cause sores on the skin.

Inhalation : Remove to fresh air immediately. Taken a medical

treatment.

Fire Fighting Measures

Extinguishing method : Since vapor, generated from burning cells may

make eyes, nose and throat irritate, be sure to extinguish the fire on the windward side. Wear the

respiratory protection equipment in some cases.

Fire extinguishing agent :Dry chemical, alcohol-resistant form, carbon

dioxide and plenty of water area effective.

Measures for electrolyte leakage from cell

- Take up with absorbent cloth.
- Move the cell away from the fire.

Handling and Storage

- 1. When packing the cells, do not allow cell terminates to contact each other, or contact with other metals. Be sure to pack cells by providing in the packaging box, or in a separate plastic bag so that the single cells are not mixed together.
- 2. Use strong materials for packaging boxes so that they will not be damaged by vibration, impact, dropping and stacking during their transportation. (1) (2) (3)
- 3. Do not let water penetrate into packaging boxes during their storage and transportation.
- 4. The cells will be stored at room temperature.
- 5. Do not store the cell in places of the high temperature exceeding 35 deg. C or under direct sunlight or in front of a stove. Please also avoid the places of high humidity. Be sure not to expose the cell to condensation, water drop or not to store it under frozen condition.
- 6. Cells are sure to be packed in such a way to prevent short circuits under conditions normally encountered in transport. (1) (2) (3)
- 7. Please avoid storing the cell in the places where it is exposed to the electricity so that no damage will not be caused to the protection circuit of the cell pack.

Accidental release measures

Personal precautions: Notify safety personnel of large spills. Caustic potassium hydroxide may be released from leaking or ruptured cells. Avoid eye or skin contact and inhalation of vapours.

Increase ventilation. Clean up personnel should wear appropriate protective gear.

Environmental precautions: Not applicable Methods for cleaning up: Not applicable

Physical and chemical properties

Form and Colour: Lithium Metal Cell. Contents dark in colour.

Odour: Not applicable

Change in physical state

Melting point/melting range: Not

available Boiling point/boiling range: Not available Flash point: Not applicable

Explosion limits: Not available

Ignition temperature: Not available Vapour pressure: Not available Specific Gravity: Not available

% Volatiles: Not available

Solubility in water: Not applicable Solubility in other solvents: Not applicable pH value: Not applicable

Octanol/water partition coefficient (log POW): Not available

Viscosity: Not available

Toxicological information

Toxicity information is available on the cell ingredients noted in Substance Identification

but, generally not applicable to intact cells. Chronic

Health Effects: Not applicable to intact cell.

Ecological information

None available regarding product. The cells are non-dangerous goods (Non-hazardous & Non-flammable).

Exposure Control (in case of electrolyte leakage from the battery)

Acceptable concentration : Not specified in ACGIH (4)

Facilities : Provide appropriate ventilation system such as

local ventilator in the storage place.

Protective : Gas mask for organic gases, safety goggle,

safety gloves.

Stability and Reactivity

Since cells utilize a chemical reaction they are actually considered a chemical product. As such, cell performance will deteriorate over time even if stored for a long period of time without being used. In addition, the various usage conditions such as charge, discharge, ambient temperature etc are not maintained within the specified ranges the life expectancy of the battery may be shortened or the device in which the cell is used may be damaged by electrolyte leakage.

Disposal Considerations (Precautions for recycling)

- When the cell is worn out, dispose of it under the ordinance of each local government or the low issued by relating government.
- Disposal of the worn-out cell may be subjected to Collection and Recycling Regulation.

Transportation Information

- During the transportation of a large amount of cells by ship, trailer or railway, do
 not leave them in the place of high temperatures and do not allow them to be
 exposed to condensation.
- During the transportation do not allow packages to be fallen down or damaged.
- Lithium metal cells identified by manufacturer as being defective for safety reasons, or that have been damaged, that have the potential of producing a dangerous evolution of heat, fire or short circuit are forbidden for transport (e.g. those being returned to the manufacturer for safety reasons).
- Except when installed in equipment, for air shipment that contain one or more cells, they are necessary to meet the following items
 - Each consignment must be accompanied with a document such as air waybill with an indication that:
- the package contains lithium metal cell.
- the package must be handled with care and that a flammability hazard exists if the package is damaged:
- special procedures should be followed in the event the package is damaged, to

- include inspection and repacking necessary; and
- a trlephone number for additional information.
 - 2. Each package must be labeled with a lithium metal cell handing label and a cargo aircraft only label.
 - *The width 120mm*length 110mm sized lithium metal cell handling label must be labeled onto the side of a package without bending it.
 - 3. Each package must be capable of withstanding a 1.2m drop test in any orientation.
- damage to cells contained therein:
- shifting of the contents so as to allow cell to cell contact:
- release of contents.
 - 4. Quantity per package shall not exceed 2.5kg.
 - 5. Each package containing more than four cells installed in equipment must be complied with above item 1 and 2.
- each cell is of the type proven to meet the requirement of each test in tge UN Manual of Test and Criteria Par III subsection 38.3. The goods are packaged according to the packaging instruction 970 section I / II on Cargo Aircraft Only. Recommendations on the transpot of dangerous goods Model Regulations , IATA-DGR(58th Edition-P1970) or IMDG Special Provision 188:

Regulatory information

- IATA DANGEROUS GOODS REGULATIONS 58th Edition 2017.
- IMDG Dangerous Goods Regulations
- ICAO Technical Instructions for the safe transport of dangerous goods by air, 2017 edition.

Others

References

- 1. UN Recommendations on the Transportation of Dangerous Model Regulations (ST/SG/AC.10/1/Rev.11)
- 2. Federal Register/Vol.65, No. 174/Thursday, September 7,2000/ Notice.
- 3. IATA DANGEROUS GOODS REGULATIONS 58th Edition 2017,
- 4. TLVs and BELs 1999 ACGIH

If transport condition accords with special provision A154& A164 of IATA-DGR or special provision 188 of IMO-IMDG, it is not recognized as Dangerous Goods, This shipment does not contain recalled/defective battery or cell and meeting special provision A154& A164 of DGR.

REMARK: Consignments have to be handled with care. Flammability Hazard exists if the package is damaged, to include inspection and repacking if necessary; Special Procedure should be followed in the event the package is damaged. In case of fire in an adjacent area, use water, CO2 or dry chemical. (Measures for electrolyte leakage from cell: take up with absorbent cloth & move the cell away from the fire)