GILBERT HENRY

SAFETY DATA SHEET

1 : PRODUCT AND COMPANY IDENTIFICATION

Trade Name Gilbert Henry Bay Rum Cologne

Supplier Details Gilbert Henry LLC
8815 Conroy Windermere Rd, suite 137
Orlando, FL 32835

Information : 480 788-9398

Version Date : 12/06/2018

2 : HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Hazards

Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

Acute toxicity, Oral (Category 4), H302

Skin irritation (Category 2), H315

Eye Irritation (Category 2A)

2.2 GHS Label elements, including precautionary statements

Pictogram

Hazard statement(s)

H226 - Flammable liquid and vapour

H302 - Harmful if swallowed

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

Precautionary statement(s)

P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P233 - Keep container tightly closed.

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.

P264 - Wash skin thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P312 - IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off Immediately all contaminated clothing. Rinse SKIN with water/shower.

P330 - Rinse mouth.

P332 + P313 - IF SKIN irritation occurs: Get medical advice/attention.

P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

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.

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

P501 - Dispose of contents/ container to an approved waste disposal plant.

3 : COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization :

Hazardous ingredient(s) :

Ethanol 64-17-5 99.9 2 % cas: 64-17-5

Propanol, 2-methyl- % cas: 75-65-0

bay oil 1.1 % cas: 8006-78-8

Orange Oil Sweet % cas: 8028-48-6

4 : FIRST-AID MEASURES

Remove contaminated soaked clothing and wash before reuse.

After eye contact :

In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers and seek medical advice.

After skin contact :

After contact with skin, wash immediately affected area with soap and plenty of water while removing all contaminated clothes and shoes. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing before re-use.

After inhalation :

Remove person to fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of shortness of breath, give oxygen. Call a physician immediately.

After ingestion :

If swallowed, call a poison control centre or doctor immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

5 : FIRE-FIGHTING MEASURES

Extinguishing media :

Water spray, Alcohol-resistant foam, Carbon Dioxide, Dry Chemical, Universal-Type Foam.

For safety reasons do not use full water jet.

Special firefighting procedures :

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Keep containers and surroundings cool with water spray.

Unusual fire and explosion hazards :

Flash back possible over considerable distance. NFPA Class IB flammable liquid. Emits toxic fumes under fire conditions.

6 : ACCIDENTAL RELEASE MEASURES

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Keep people away, evacuate area.

To avoid possible contamination of the environment, Do not discharge into any drains, surface waters or groundwaters.

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash). Place in covered containers using non-sparking tools and transport outdoors.

Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater). Ventilate area and wash spill site after material pickup is complete. Dispose of in accordance with current laws and regulations.

7 : HANDLING AND STORAGE

Measures should be taken to prevent materials from being splashed into the eyes or on the skin. Wear eye shields and protective clothing. Smoking should not be permitted in work areas.

Ensure all equipment is electrically grounded before beginning transfer operations.

Provide suitable air extraction ventilation in the work areas. Vapors may form explosive mixtures with air. Keep material away from sources of ignition (e.g. hot surfaces, sparks, flame and static discharges.

To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area. Protect from heat/overheating and light sources.

Keep only in original container.

8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

COMPONENTS	Exposure limit(s)
Ethanol	ACGIH STEL 1,000 ppm
	OSHA PEL 1,000 ppm 1,900 mg/m3
2-Propanol, 2-methyl-	OSHA PEL 100 ppm 300 mg/m3
	ACGIH TLV (8-hour) 100 ppm

PEL= Permissible Exposure Limits **STEL= Short Term Exposure Limit (15 min)**

TLV= Threshold Limit Value

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Respiratory protection :

Do not breathe vapors. Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required.

Hand protection :

Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

Eye protection :

Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

Body protection :

Light protective clothing recommended. Wash contaminated clothing before reuse.

Hygiene measures :

Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Safety shower and eye bath recommended.

9 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance / odor :

Liquid, alcohol- like

Odour Threshold :	**No data available**
Boiling point :	**74 - 80 °C, 165.2 - 176 °F**
Flash point (° F.) :	**17 °C, 62.6 °F**
Flammability :	**Upper explosion limit: 20% (V)** **Lower explosion Limit: 4 % (V)**
Melting point :	**Ca - 114 °C, 173 °F**
Auto-ignition temperature :	**Ca 400 °C, 752 °F; ASTM D 2155**
Decomposition temperature :	**No data available**
Flammability (solid, gas)	**No data available**
Vapor pressure :	**Ca 66.661 hPa @ 20 °C, 68 °F**
Vapor density :	**No data available**

Density :	**0.81 g/cm3 @ 15.5 °C, 60 °F; (190 pf)**
Evaporation rate :	**No data available**
Specific gravity :	**No data available**
PH of Product :	**No data available**
Solubility in water :	**Insoluble**
Viscosity:	**No data available**
Partition coefficient: n-octanol/water	**No data available**

10 : STABILITY AND REACTIVITY

Stability :	**Stable at normal ambient temperature and pressure**
Conditions to avoid :	**Heat, excessive heat, open flames and other sources of ignition**
Chemical stability:	**No decomposition if stored and applied as directed**
Materials to avoid :	**Can react with strong oxidizers, inorganic acids, and halogens**
Hazardous decomposition products :	**Carbon monoxide, carbon dioxide and possibly other unidentified organic compounds. Hazardous polymerization will not occur.**

11 : TOXICOLOGICAL INFORMATION

Acute dermal toxicity :	**LD50 rabbit: > 2,000 mg/kg; OECD Test Guideline 402 (literature value)**

Acute inhalation toxicity :	**LC50 mouse (4 hours): > 20 mg/l (literature value)**
Acute oral toxicity :	**LD50 rat: 2,000 mg/kg; OECD Test Guideline 401**
Skin Irritation/corrosion :	**(rabbit) OECD Test Guideline 404. Not irritating (literature value)**
Eye Irritation :	**(rabbit) OECD Test Guideline 405 irritating (literature value)**
Respiratory or skin sensitization :	**Guinea pig: not sensitizing; Maximisation test (literature value)**
Germ Cell mutagenicity:	**Genotoxicity in vitro:** **Type: Ames test; OECD Test Guideline 471** **System: Salmonella typhimurium, with and without metabolic activation** **Result: In vitro tests did not show mutagenic effects (literature value)** **Genotoxicity in vivo: no data available** **Assessment Mutagenicity: Based on available data, the classification criteria are not met**
Reproductive toxicity :	**No data available** **Assessment Reproductive toxicity: no data available** **Teratogenicity: no data available** **Assessment teratogenicity: No data available**
STOT - single exposure :	**No data available**
STOT - repeated :	**Rat; Oral; 90 day** **NOAEL: 1,730 mg/kg** **LOAEL: 3,160 mg/kg** **Based available data, the classification criteria are not met**

Aspiration toxicity :	**No data available**
Carcinogenicity assessment carcinogenicity:	**Contains no ingredient listed as a carcinogen**

12 : ECOLOGICAL INFORMATION

Biodegradation :	**Readily biodegradable** **OECD Test Guideline 301 B (28 d): >60% (literature value)**
Toxicity to aquatic Invertebrates :	**EC50 (Ceriodaphnia Dubia (water flea) 48 hours: > 100 mg/l; static test**
Toxicity to Fish :	**LC50 (Pimephales promelas (fathead minnow)) 96 hours: > 100 mg/l; flow-through test (literature value)**
Toxicity to Algae :	**EC50 (Chlorella vulgaris) 72 hours: > 100 mg/l; static test; OECD Test Guideline 201**
Chronic toxicity to aquatic Invertebrates :	**NOEC (Ceriodaphnia Dubia (water flea) 10 d: 9,6 mg/l; semi-static test**
Bacteria :	**No data available**
Bioaccumulation :	**No bioaccumulation is to be expected (log Pow <=4)**
Mobility in soil :	**No data available**

13 : DISPOSAL CONSIDERATIONS

Waste Code D001 -

Ignitability (RQ 100 LB). This product has the RCRA characteristic of ignitability. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification.

Disposal methods

Dispose of only in accordance with local, state, and federal regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil.

Empty containers.

Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty bottles should be completely drained, triple-rinsed, or properly disposed.

14 : TRANSPORT INFORMATION

DOT UN 1170, Ethanol solutions, 3, II

IATA UN 1170, Ethanol solutions, 3, II

IMDG UN 1170, Ethanol solutions, 3, II

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks no data available

15 : REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

OSHA Hazards (HCS 1994)

Flammable liquid, Eye irritation, Skin irritation

TSCA Inventory Listing Components

Ethanol CAS-No. 64-17-5

2-Propanol, 2-methyl- CAS-No. 75-65-0

SARA 302 Status Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Classification

"Fire hazard", "Immediate (acute) health hazard"

SARA 313 Chemical Components

CAS-No. 75-65-0 Weight percent 0.1%

16 : OTHER INFORMATION

HAZARD RATINGS

	Health	Flammability	Physical Hazard Instability
HMIS®	**2**	**3**	**0**
NFPA	**2**	**3**	**0**

Disclaimer

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