

DIAGEO USVI

SAFETY DATA SHEET

Effluent Water



1.0 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **Effluent Water**

MANUFACTURER/SUPPLIER:

Diageo USVI
#1 Est. Annaberg & Shannon
Grove, Kingshill, VI 00850

EMERGENCY INFORMATION:

1(340) 713 – 5600

OTHER PRODUCT SAFETY INFORMATION:

Diageo Technical Operations
Brand Services (815) 267 – 4533

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Range %	OSHA PEL	ACGIH TWA
Vinasse Wastewater (Biocondensate)	NA	60%	NA	NA
MBR Permeate	NA	25%	NA	NA
Cooling Tower Blowdown	NA	15%	NA	NA

3.0 HAZARDS IDENTIFICATION

Emergency Overview

Material is initially derived from fermented molasses. Fermentation can yield carbon dioxide with possible traces of ethanol or volatile fatty acids (e.g. acetic, propionic, lactic, or butyric) and if exposed to a spark or flame may result in an explosion. These conditions should be avoided. If maintenance of tank requires entry by personnel, OSHA's Confined Space standard (29CFR1910.146) shall be complied with. If welding is to be performed, the tank should be gas freed and only certified welders shall perform welding operations.

DIAGEO USVI

Potential Health Effects

Eyes - Mild irritant

Skin - None

Inhalation – Insufficient oxygen may be present in vessels containing the product due to the generation of carbon monoxide during fermentation

4.0 FIRST AID MEASURES

Eyes: Flush eyes for 15 minutes.

Skin: Wash with soap and water.

Ingestion: No data

5.0 FIRE FIGHTING MEASURES

FLASHPOINT: NA

UEL: NA

LEL: NA

AUTOIGNITION TEMPERATURE: NA

FLAMMABILITY CLASSIFICATION: None

EXTINGUISHING MEDIA: Not combustible

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: No abnormal hazards

FIRE FIGHTING EQUIPMENT: Normal fire fighting equipment

PRECAUTIONS: If fermentation continues due to improper storage, flammable materials may be created.

HAZARDOUS COMBUSTION PRODUCTS: Incomplete combustion can produce carbon monoxide and/or carbon dioxide and other harmful products.

DIAGEO USVI

6.0 ACCIDENTAL RELEASE MEASURES

Remove or shut off all sources of ignition. Remove mechanically or contain on an absorbent material such as dry sand or earth. Increase ventilation, if possible. Wear respirator and spray with water to disperse vapors. Keep out of sewers and waterways.

7.0 HANDLING AND STORAGE

HANDLING: Use with adequate ventilation. Do not breathe vapors. Wash thoroughly after handling.

STORAGE: Store away from heat. Keep container closed.

8.0 EXPOSURE CONTROL/PERSONAL PROTECTION

EYE: Do not get in eyes. Wear eye protection

SKIN: Do not get on skin or clothing. Wear protective clothing and gloves.

INHALATION: Do not breathe mist or vapor. If heated and ventilation is inadequate, use supplied-air respirator approved by NIOSH/MSHA

ENGINEERING CONTROLS: Control airborne concentration below the exposure guidelines.

9.0 CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE: Clear to light yellow liquid

ODOR: Sweet

pH: 3 - 9

VAPOR PRESSURE (mm Hg @ 20° C): NA

VAPOR DENSITY (AIR = 1): NA

BOILING POINT: NA

MELTING POINT: NA

SOLUBILITY IN WATER: NA

SPECIFIC GRAVITY (WATER = 1): 1

DIAGEO USVI

10.0 STABILITY AND REACTIVITY

STABILITY: Stable

REACTIVITY: This material may react with a wide range of oxidants.

CONDITIONS TO AVOID: No special conditions to avoid.

MATERIALS TO AVOID: Oxidizing Agents

HAZARDOUS DECOMPOSITION: None identified

HAZARDOUS POLYMERIZATION: Will not occur

11.0 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY DATA: NA

OTHER TOXICITY DATA: NA

CARCINOGENICITY: NA

12.0 ECOLOGICAL DATA

Ecological testing has not been performed on this product.

13.0 DISPOSAL INFORMATION

Disposal must be in accordance with applicable federal, state, or local regulations. Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.

Discharges to a water of the U.S. are regulated by the Environmental Protection Agency.

DIAGEO USVI

14.0 TRANSPORTATION INFORMATION

U.S. DEPT OF TRANSPORTATION

Shipping Name	Not Hazardous
Hazard Class	
Identification Number	
Packing Group	

INTERNATIONAL INFORMATION

Sea (IMO/IMDG)

Shipping Name	Not Determined
---------------	----------------

Air (ICAO/IIATA)

Shipping Name	Not Determined
---------------	----------------

European Road/Rail (ADR/RID)

Shipping Name	Not Determined
---------------	----------------

Canadian Transportation of Dangerous Goods

Shipping Name	Not Determined
---------------	----------------

15.0 REGULATORY INFORMATION

Discharges to a water of the U.S. are regulated by the Environmental Protection Agency.

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR Part 302.4):

This product contains no substances listed.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR Part 355):

This product is not regulated under Section 302 of SARA and 40 CFR Part 355

SARA TITLE III SECTIONS 311/312 HAZARDOUS CATEGORIZATION (40 CFR Part 370):

This product is not defined as hazardous by OSHA under 29 CFR Part 1910.1200 (d)

SARA TITLE III SECTION 313 (40 CFR Part 372):

This product contains no substances listed.

DIAGEO USVI

U.S. INVENTORY (TSCA): Not Determined

OSHA HAZARD COMMUNICATION STANDARD: Not Determined

EC INVENTORY (EINECS/ELINCS): Not Determined

JAPAN INVENTORY (MITI): Not Determined

AUSTRALIA INVENTORY (AICS): Not Determined

KOREA INVENTORY (ECL): Not Determined

CANADA INVENTORY (DSL): Not Determined

PHILLIPINE INVENTORY (PICCS): Not Determined

16.0 OTHER INFORMATION

Prepared by:
Diageo USVI

Issued: 5/26/2020