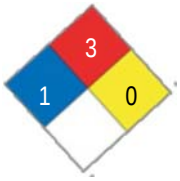
SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name:	SATURIX 70/30 pre-saturated wipers
Product Numbers:	WA209, WA212, WA409, WA412, WA209S, WA212S, WA409S, WA412S
Product Description:	SATURIX pre-saturated wipers, containing a volumetric blend of 70% Isopropyl Alcohol and 30% Water
Manufacturer Name: Address:	FG Clean Wipes 2255 Westover Road Chicopee, MA 01022 USA
General Phone Number:	800-628-8606
SDS Creation Date:	06 June 2020
SDS Revision Date	06 June 2020

NFPA



HMIS

Health Hazard	1
Fire Hazard	3
Reactivity	0
Personal Protection	X

SECTION 2: HAZARD(S) IDENTIFICATION

GHS Pictograms:

Signal Word: Danger

GHS Class:
Flammable Liquid, Category 3
Eye Irritant, Category 2
Specific Target Organ Toxicity, Single Exposure, Category 3

Hazard Statements:
Flammable liquid and vapor
Causes serious eye irritation
May cause drowsiness or dizziness

Precautionary Statements: Keep away from heat/sparks/open flames — No smoking. Take precautionary measures against static discharge. In case of fire: Use dry chemical, carbon dioxide to extinguish small fires. Use water for large fires. Wear protective gloves/protective clothing/eye protection. Avoid breathing vapors. Store in a well-ventilated place. Keep container tightly closed.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN (or hair): Remove /Take off immediately all contaminated clothing. Rinse in/with water/shower. Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Emergency Overview: Danger. Flammable. Irritant. May cause drowsiness or dizziness Pulmonary aspiration Hazard if swallowed.

Route of Exposure: Eyes, Skin Inhalation, Ingestion

Potential Health Effects:

Eye: Eye contact with product or vapors may result in irritation, redness, and blurred vision. May cause pain disproportionate to the level of irritation to eye tissues. Vapor may cause eye irritation experienced as mild discomfort and redness. May cause moderate corneal injury.

Skin: May cause irritation. Repeated exposure may cause a burning sensation and dryness or cracking. Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Inhalation: Inhalation of vapors, fumes or mists of the product may be irritating to the respiratory system. Excessive exposure (400 ppm) may cause eye, nose and throat irritation. Higher levels may cause incoordination, confusion, hypotension, hypothermia, circulatory, collapse, respiratory arrest, and death may follow a longer duration and higher levels. In confined or poorly ventilated areas, vapors can readily accumulate and cause unconsciousness and death.

Ingestion: May cause irritation. Ingesting large amounts may cause injury. May cause central nervous system depression, nausea and vomiting. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Chronic Health Effects:	Prolonged or repeated contact may cause skin irritation. Repeated or prolonged inhalation may cause toxic effects.
Signs/Symptoms:	Overexposure may cause headaches and dizziness. Signs and symptoms of excessive exposure include facial flushing, low blood pressure, and irregular heartbeats.
Target Organs:	Eyes, Skin, Respiratory system, Digestive system.
Aggravation of Pre-Existing Conditions:	None generally recognized.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Ingredient Percentage	EC Number
Isopropyl alcohol	67-63-0	70 by Volume	200-661-7
Deionized water	7732-18-5	30 by Volume	

SECTION 4: FIRST AID MEASURES

Eye Contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact:	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
Inhalation:	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion:	If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point:	23 °C (73 °F)
Auto Ignition Temperature:	399 °C (750 °F)
Lower Flammable/Explosive Limit:	2.0 % by volume
Upper Flammable/Explosive Limit:	12.0 % by volume
Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, dry chemical, or water fog or spray when fighting fires involving this material.
Unsuitable Media:	Do not use a solid water stream as it may scatter and spread fire.
Protective Equipment:	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.
Unusual Fire Hazards:	Material burns with an invisible flame.
Hazardous Combustion Byproducts:	Oxides of carbon, oxides of nitrogen and other organic substances maybe formed.
Universal Fire and Explosion Hazards:	Vapors are heavier than air and may travel along the ground or maybe moved by ventilation to locations distant from the point of material handling or release.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personnel Precautions:	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Avoid breathing vapor, aerosol or mist. Avoid contact with skin, eyes and clothing.
Environmental Precautions:	Avoid run off into storm sewers, ditches, and waterways.
Methods for containment:	Spills are very unlikely because the wiper fabric has absorbed the liquid solvent solution.
Methods for cleanup:	Remove all sources of ignition. Collect the wipes with a non-sparking tool and absorb or wipe any residual liquids. Place in a suitable container for proper disposal. Use appropriate protective apparel as described in Section 8. Avoid contact with skin and eyes.

SECTION 7: HANDLING and STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and fumes. Use only in accordance with directions. To reduce potential for static discharge, bond and ground containers when transferring material.
Storage:	Store in a cool, dry, well-ventilated area away from sources of heat, combustible materials, direct sunlight, and incompatible substances. Keep container tightly closed when not in use. Keep away from aldehydes, halogenated organics, halogens, strong acids, and strong oxidizers.

Hygiene Practices:	Wash thoroughly after handling. Avoid inhaling vapors, mists, or fumes.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. W here such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.
Eye/Face Protection:	Tightly fitting safety goggles. Wear a face shield also when splash Hazard exist.
Hand Protection Description:	Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data. Preferred glove materials include: polyethylene, neoprene, chlorinated polyethylene, natural rubber (latex), polyvinyl chloride (PVC or vinyl), nitrile/butadiene rubber (nitrile or NBR), ethyl vinyl alcohol laminate (EVAL). Avoid gloves made of poly vinyl alcohol (PVA).
Respiratory Protection:	A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister maybe permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known or any other circumstances where air purifying respirators may not provide adequate protection.

EXPOSURE GUIDELINES

Isopropyl Alcohol

Guideline ACGIH:	TLV-TWA: 200 ppm TLV-STEL: 400 ppm
Guideline OSHA:	PEL-TWA: 400 ppm

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

Physical State Appearance:	Pre-saturated wipes.
Odor:	Alcohol-like
Odor Threshold:	Not determined.
Boiling Point:	82 - 89°C (180 - 192 °F)
Melting Point:	Not determined.
Specific Gravity:	0.872 @ 20°C (68°F)
Solubility:	Not determined.
Vapor Density:	43.0 hPa (32 mm Hg) @ 20°C (68°F)
Percent Volatile:	100%
Evaporation Rate:	Not determined.
pH:	Not determined.
Viscosity:	Not determined.
Coefficient of Water/Oil Distribution:	Not determined.
Flash Point:	23 °C (73 °F)
Auto Ignition Temperature:	399 °C (750 °F)

SECTION 10: STABILITY and REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures.
Hazardous Polymerization:	Not reported.
Conditions to Avoid:	Keep away from heat, ignition sources and incompatible materials.
Incompatible Materials:	Aldehydes, halogenated organics, halogens, strong acids, strong oxidizers.

SECTION 11: TOXICOLOGICAL INFORMATION

Isopropyl Alcohol

RTECS Number:	NT8050000
Eye:	Eye - Rabbit standardized test.: 100 mg Eye - Rabbit standardized test.: 10 mg Eye - Rabbit standardized test.: 100 mg/24H (RTECS)

Skin:	Administration onto the skin - Rabbit Standard Draize test.: 500 mg Administration onto the skin - Rabbit LD50: 12800 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Inhalation:	Inhalation - Rat LC50: 16000 ppm/8H [Details of toxic effects not reported other than lethal dose value] Inhalation - Mouse LC50: 53000 mg/m3 [Behavioral - General anesthetic Lungs, Thorax, or Respiration - Other changes] Inhalation - Rat LC50: 72600 mg/m3 [Behavioral - General anesthetic Lungs, Thorax, or Respiration - Other changes] (RTECS)
Ingestion:	Ingestion: Oral - Rat LD50: 5045 mg/kg [Behavioral - Altered sleep time (including change in righting reflex) Behavioral - Somnolence (general depressed activity)] Oral - Mouse LD50: 3600 mg/kg [Behavioral - Altered sleep time (including change in righting reflex) Behavioral - Somnolence (general depressed activity)]

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	No ecotoxicity data was found for the product.
Environmental Fate:	No environmental information found for this product.

Isopropyl Alcohol

Ecotoxicity:	LC50; Species: 1400000 ug/L for 48 hr Crangon (Common Shrimp) LC50; 10000000 ug/L for 24 hr Species: Daphnia magna (Water Flea) LD50; >5000 mg/L for 24 hr Species: Carassius auratus (goldfish) LC50; 11,130 m g/L for 48 hr Species: Pimephales promelas (fathead minnows)
Environmental Fate:	Isopropanol is expected to have very high mobility in soil.
Bioaccumulation:	Bioconcentration in aquatic organisms is low.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:	Consult with the US EPA Guide lines listed in 40 CFR Part 261.3 for the classifications of Hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guide lines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guide lines.
Contaminated Packaging:	Do not reuse containers without proper cleaning or reconditioning.

SECTION 14: TRANSPORT INFORMATION

DOT Shipping Name:	Solids Containing Flammable Liquid, n.o.s. (Isopropanol). (Limited Quantity)
DOT Hazard Class:	4.1
DOT Packing Group:	II
IATA Shipping Name:	Solids Containing Flammable Liquid, n.o.s. (Isopropanol).
IATA Hazard Class:	4.1
IATA Packing Group:	II
IMDG UN Number:	UN3175 (Limited quantity)
IMDG Shipping Name:	Solids Containing Flammable Liquid, n.o.s. (Isopropanol). (Limited Quantity)
IMDG Hazard Class:	4.1
IMDG Packing Group:	II
Marine Pollutant:	No

SECTION 15: REGULATORY INFORMATION

Canada WHMIS:	Listed

Isopropyl Alcohol

TSCA Inventory Status:	Listed
EC Number:	200-661-7
WHMIS Pictograms:	

SECTION 16: ADDITIONAL INFORMATION

HMIS Health Hazard:	1
HMIS Fire Hazard:	3
HMIS Reactivity:	0
HMIS Personal Protection:	X

Other:	The information contained herein is based on data available at this time and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Since information contained herein may be applied under conditions beyond our control, and with which we may be unfamiliar, no responsibility is assumed for the results of its use. The person receiving this information shall make his own determination of the suitability of the material for his particular use.
SDS Creation Date:	06 June 2020
SDS Revision Date:	06 June 2020