



MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communications Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Product Name Prefense Hand Sanitizer
Product ID pf1.5, pf8

Revised 08/2014

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Prefense Hand Sanitizer

SYNONYMS: n/a

PRODUCT CODES: pf1.5, pf8

MANUFACTURER: Prefense, LLC

DIVISION: n/a

ADDRESS: 2509 Pettibone Avenue, Muscatine, IA 52761

EMERGENCY PHONE: 877.523.9997

OTHER CALLS: 877.523.9997 **FAX:** 480.287.8984

CHEMICAL NAME: Aqueous Sanitizing Solution **CHEMICAL FAMILY:** Aqueous Solution

CHEMICAL FORMULA: n/a

PREPARED BY: Prefense, LLC

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS None known.

COMPONENTS All ingredients not precisely identified are proprietary.

OTHER INGREDIENTS:	Water	Proprietary blend
CAS NO.	7732-18-5	n/a
% WT	@	@
OVER 3%	yes	yes

OSHA PEL: none
ACGIH TLV: n/a
SARA 313 REPORTABLE no

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance: Opaque Liquid

Odor:	Slight Herbal
POTENTIAL HEALTH EFFECTS	
EYES:	Irritant; direct contact may burn eyes with possible permanent injury with prolonged or repeated exposure
SKIN:	none
INGESTION:	Excessive ingestion may cause nausea or gastrointestinal discomfort
INHALATION:	n/a
ACUTE AND CHRONIC HEALTH HAZARDS:	None known.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	None known.
CARCINOGENICITY	
OSHA:	n/a
IARC:	n/a
ACGIH:	n/a
OTHER:	n/a
NTP:	n/a

SECTION 4	FIRST AID MEASURES
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EYES:	Flush eyes thoroughly with running water for 15 minutes while keeping the eyelids wide open. Consult physician if redness or irritation persists.
SKIN:	n/a
INGESTION:	Thoroughly rinse mouth with water Drink plenty of fluids Slight gastrointestinal discomfort may occur
INHALATION:	n/a

SECTION 5	FIRE-FIGHTING MEASURES
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SUITABLE EXTINGUISHING MEDIA	any
EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS	none
SPECIAL EXPOSURE HAZARDS IN A FIRE	none

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS none
OTHER INFORMATION none

SECTION 6

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Follow protective measures provided in sections 5 and 8

Keep away materials and products which are incompatible with product specified in section 10

ENVIRONMENTAL PRECAUTIONS METHODS FOR CLEAN UP

Rinse spilled product to dilute areas of direct contact.

Wear suitable clothing and protective equipment

Recover or mop up excess material and reuse wherever possible.

Absorb unusable product with suitable material

and dispose of in accordance with Section 13.

SECTION 7

HANDLING AND STORAGE

HANDLING

Maintain good housekeeping practices

Wash hands after use

Avoid contact with potable water or food

STORAGE

Keep in a dry place

Keep away from direct sunlight

Keep away from heat

Keep away from incompatible products specified in section 10

Keep only in the original container at temperature not

exceeding 40C (104F)

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

n/a

VENTILATION:

n/a

RESPIRATORY PROTECTION:

none required

EYE PROTECTION:

ANSI approved safety glasses with side protection or goggles.

SKIN PROTECTION:

Wear suitable protective clothing

HYGIENIC PRACTICES:

Handle in accordance with good hygiene and safety practice.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

APPEARANCE: Opaque Liquid

ODOR: Slight herbal

IMPORTANT HEALTH SAFETY AND ENVIRONMENTAL INFORMATION

pH: Range 6.5 - 7.5

BOILING POINT 100C

FLASH POINT not applicable

MELTING POINT not applicable

FLAMMABILITY (SOLID, GAS) non flammable

EXPLOSIVE PROPERTIES non-explosive

VAPOR PRESSURE: not applicable

VAPOR DENSITY: not applicable

BULK DENSITY n/a

EVAPORATION not determined

SOLUBILITY IN WATER: not applicable

DECOMPOSITION TEMPERATURE not applicable

VISCOSITY: Equivalent to water

SPECIFIC GRAVITY ~1

SECTION 10

STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

CONDITIONS TO AVOID: none

INCOMPATIBILITY (MATERIAL TO AVOID): none

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: none known

HAZARDOUS POLYMERIZATION: n/a

CONDITIONS TO AVOID: Excessive heat and contamination of any kind

Avoid Freezing

SECTION 11

TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA:

ACUTE ORAL TOXICITY none known

ACUTE INHALATION TOXICITY none known

ACUTE DERMAL IRRITATION/CORROSION none known
SKIN IRRITATION none
EYE IRRITATION irritant
SENSITIZATION none
CHRONIC TOXICITY n/a
CHRONIC TOXICITY/ CARCINOGENIC DESIGNATION: none known

SECTION 12 **ECOLOGICAL INFORMATION**

ECOTOXICITY EFFECTS:
ACUTE TOXICITY: none known
MOBILITY : not applicable
PERSISTENCE AND DEGRADABILITY: none known
BIOACCUMULATIVE POTENTIAL: is not known to accumulate

SECTION 13 **DISPOSAL CONSIDERATIONS**

WASTE TREATMENT: Dispose of within current local and state regulations.
No special method required.
PACKAGING TREATMENT: Consult federal, state, and local regulations regarding the proper disposal of emptied containers.
RCRA HAZARD CLASS: n/a

SECTION 14 **TRANSPORT INFORMATION**

U.S. DEPARTMENT OF TRANSPORTATION
PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed (NOI) Not Hazardous
HAZARD CLASS: Not Regulated
ID NUMBER: n/a
LABEL STATEMENT: none

WATER TRANSPORTATION
PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed (NOI) Not Hazardous
HAZARD CLASS: Not Regulated
ID NUMBER: n/a
LABEL STATEMENT: none

AIR TRANSPORTATION
PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed Not Hazardous

HAZARD CLASS: Not Regulated

ID NUMBER: n/a

LABEL none

SECTION 15

REGULATORY INFORMATION

Preparation does not contain ingredients listed as a dangerous substance in Annex 1 of the EEC directive 67/548.

SECTION 16

OTHER INFORMATION

KEEP OUT OF REACH OF CHILDREN

Although the information and recommendations set forth in this sheet are believed to be correct as of the date hereof, Prefense, LLC makes no representation as to the completeness or accuracy of such information and recommendations. Prefense, LLC shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon such information and recommendations. You are encouraged to advise anyone working with or exposed to such products of the information contained herein.

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