

# MATERIAL SAFETY DATA SHEET

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GENERAL INFORMATION # : 314-647-1888  
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## I-PRODUCT IDENTIFICATION

### ONE STEP

PRODUCT CODE: #191

CHEMICAL FORMULATION: FOAMING DISINFECTANT CLEANER

NFPA HAZARD IDENTIFICATION SYSTEM: HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 0

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

## II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits	
				Recommended	% optional
ISOBUTANE	75-28-5	N/E	800ppm		

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit

N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

## III - PHYSICAL DATA

BOILING POINT (°f): N/A	MELTING POINT: N/A
VAPOR PRESSURE (psig@25C): 40	SPECIFIC GRAVITY (WATER = 1): 1.00
VAPOR DENSITY (AIR=1) <1	VOC CONTENT (% by weight): N/A
SOLUBILITY IN WATER: COMPLETELY	EVAPORATION RATE (Butyl Acetate=1): >1
	pH: 11.2
APPEARANCE AND ODOR: WATER WHITE - LEMON ODOR	

## IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (°F): N/A

(TEST METHOD):

FLAMMABLE LIMITS: N/E

UPPER: N/E

LOWER: N/E

EXTINGUISHING MEDIA: NONE

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARD: EXPOSURE TO TEMPERATURES OVER 120 DEGREES F MAY CAUSE BURSTING OR VENTING. HEAT OF FIRE MAY CAUSE HAZARDOUS FUMES. CARBON MONOXIDE

## V - REACTIVITY DATA

STABILITY:	STABLE
INCOMPATIBILITY:	OXIDIZING MATERIALS
MATERIALS TO AVOID:	AVOID OXIDIZING MATERIALS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	OPEN FLAMES MAY PRODUCE CARBON MONOXIDE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
CONDITIONS TO AVOID:	SOURCES OF HEAT

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## VI - HEALTH AND HAZARD DATA

**GENERAL:** TOXICITY INFORMATION IS NOT AVAILABLE FOR THESE FINISHED PRODUCTS. THIS HEALTH HAZARD ASSESSMENT IS BASED ON INFORMATION AVAILABLE FOR THE COMPONENTS IN THE FINISHED PRODUCT.

**THRESHOLD LIMIT VALUE:** N/E

**OSHA & ACGIH:** N/R

**CARCINOGEN - NTP & IARC PROGRAM:** NOT CONSIDERED A CARCINOGEN

### SYMPTOMS OF EXPOSURE

**EYES:** MAY CAUSE IRRITATION, REDNESS, OR WATERING

**SKIN:** MAY CAUSE ITCHING, DRYNESS, REDNESS, OR IRRITATION

**INGESTION:** NAUSEA, HEADACHE, VOMITING

**INHALATION:** LARGE AMOUNTS OF VAPORS MAY CAUSE NAUSEA, OR DIZZINESS

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** SKIN SENSITIVITY, CHEMICAL ALLERGIES

**PRIMARY ROUTS OF ENTRY:** EYES, SKIN, INGESTION, INHALATION

### EMERGENCY FIRST AID

**IF IN EYES:** FLUSH EYES WELL WITH WATER

**IF ON SKIN:** SEEK A PHYSICIAN OF IRRITATION

**IF INGESTED:** DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION

**IF INHALED:** REMOVE TO FRESH AIR

## VII - SPILL AND LEAK PROTECTION

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** REMOVE ALL SOURCES OF IGNITION. DIKE AREA IF POSSIBLE FOR MATERIAL RECOVERY. SMALL QUANTITIES MAY BE ABSORBED WITH ABSORBENT MATERIALS

**WASTE DISPOSAL METHOD:** DISPOSE OF IN A MANNER APPROVED BY LOCAL, STATE AND FEDERAL REGULATIONS AS WELL AS EPA STANDARDS

## VIII - SPECIAL PROTECTION INFORMATION

**VENTILATION:** GENERAL VENTILATION RECOMMENDED TO MAINTAIN THE LEVEL OF THE HAZARDOUS INGREDIENTS TO LESS THAN HALF OF THE TLV

**RESPIRATORY PROTECTION:** NOT REQUIRED

**PROTECTIVE GLOVES:** RUBBER GLOVES. FOR SHORT USAGE NONE REQUIRED

**EYE PROTECTION:** SAFETY GOGGLES. FOR SHORT USAGE NONE REQUIRED

**OTHER PROTECTIVE EQUIPMENT:** NONE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** DO NOT STORE WHERE TEMPERATURES EXCEED 120 DEGREES FAHRENHEIT.

**OTHER PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN

### WORK/HYGIENIC PRACTICES

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Prepared By:

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