

12/00

# Fox Labs International, Inc.

20752 Miles Street South, Clinton Township, MI 48036-1948  
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## MATERIAL SAFETY DATA SHEET

# Sudecon

### PRODUCT IDENTIFICATION:

Product name	SUDECON®
Product class	Irritant spray decontamination wipe
DOT shipping class	Cleaning compound, impregnated paper, packaged in paper foil pouch.

### HAZARDOUS INGREDIENTS:

None

### PHYSICAL DATA:

Boiling Point	212 degrees Fahrenheit
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Readily Soluble in Water	
Specific Gravity	1.2
pH	6 - 7.5
Appearance	Off white liquid and towelette
Odor	Typical mild surfactant odor
Flash Point	None
Flammability	Not applicable

### HEALTH HAZARD DATA:

Health Hazards	None known
Emergency and First Aid Procedure	Skin: Thoroughly wash with water. Eyes: Flush thoroughly with water. If irritation persists, contact a physician.

**Fox markets the best products in the world.**

**So what are you using?**

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**MATERIAL SAFETY DATA SHEET**

**\*\*\* WATER-BASED PEPPER SPRAY, 2%, 5.3MM SHU, plus UV DYE \*\*\***

**I. PRODUCT IDENTIFICATION**

MSDS #: 102

DATE: 8-12-98

EDITION: 001

PRODUCT NAME: "WATER BASED PEPPER SPRAY, 2% OC, 5.3MM + UV"

PRODUCT TYPE: SELF DEFENSE SPRAY

**II. COMPOSITION**

INGREDIENTS:	CAS No.	%
WATER.....	N/A	40 - 65
PROPYLENE GLYCOL.....	57-55-6	5 - 45
ISOPROPYL ALCOHOL.....	67-63-0	5 - 25
OLEORESIN CAPSICUM...(5.3MM SHU).....	8023-77-6	2.0
POLYSORBATE 80.....	9005-65-6	5.0
UV DYE.....	N/A	0.1
NITROGEN.....	7727-37-9	0.1

**III. CHEMICAL AND PHYSICAL PROPERTIES**

VAPOR PRESSURE @ 70 F: <10 mmHg @ 68° F

VAPOR DENSITY AIR = 1: >1

SOLUBILITY IN WATER (WT %): 100%

SPECIFIC GRAVITY (H<sub>2</sub>O=1): 0.9 25/25 C

BOILING POINT: 190° F

EVAPORATION RATE (BuAc=1) : <1

pH: 6 - 8

APPEARANCE: CLEAR RED LIQUID

ODOR: SLIGHT SWEET ORDER WITH PUNGENT, PEPPERY OVERTONE

WT. % VOLATILE: 60

**IV. FLAMMABILITY AND EXPLOSIVE PROPERTIES**

FLASH POINT: NONE

HEALTH HAZARD: 1

FIRE HAZARD: 0

REACTIVITY HAZARD: 0

SPECIFIC HAZARD: CONTENTS UNDER PRESSURE CONTENTS WILL DISCHARGE UNDER FIRE CONDITIONS

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**ESTIMATED HMIS CODE:****HEALTH HAZARD: 1****FLAMMABILITY HAZARD: 0****REACTIVITY HAZARD: 0****PERSONAL PROTECTION: GLOVES, GOGGLES****FLAMMABILITY LIMITS:**

NONE

**RECOMMENDED EXTINGUISHING AGENTS: N/A****HAZARDOUS PRODUCTS FORMED BY****FIRE OR THERMAL DECOMPOSITION: IRRITATING FUMES****UNUSUAL FIRE OR EXPLOSION HAZARDS: CONTENTS WILL DISCHARGE  
IN FIRE.****COMPRESSED GASES: NITROGEN****PRESSURE AT ROOM TEMP.: 120 PSIG****V. SPILL OR LEAK AND DISPOSAL PROCEDURES****STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: ABSORB ON APPROPRIATE  
SORBANT, PROVIDE INCREASED VENTILATION****RECOMMENDED METHODS OF DISPOSAL: DISPOSE OF IN ACCORDANCE WITH ALL  
FEDERAL, STATE, AND LOCAL ENVIRONMENTAL LAWS.****VI. STORAGE AND HANDLING PROCEDURES****STORAGE: STORE BELOW 100° F. IN SHIPPING CARTON PROVIDED****HANDLING: HANDLE WITH CARE, KEEP OUT OF THE REACH OF CHILDREN****VII. SHIPPING REGULATIONS****DOT HAZARD CLASS: 2.2****PROPER SHIPPING NAME: AEROSOLS****LD. NUMBER: UN 1950****NOTE: QUALIFIES FOR CONSUMER COMMODITY, ORM-D EXEMPTION. WHEN SHIPPED  
BY AIR MUST BE ORM-D AIR, REFER TO CFR 49 173.306****VIII. REACTIVITY DATA****STABILITY: STABLE AT AMBIENT TEMPERATURES****HAZARDOUS POLYMERIZATION: WILL NOT OCCUR****HAZARDOUS DECOMPOSITION PRODUCTS (NON-THERMAL): NONE****INCOMPATIBILITY: STRONG OXIDIZERS, FINELY DIVIDED ALKALINE METALS,  
STRONG ACIDS AND STRONG ALKALIS.****IX. EMERGENCY TREATMENT PROCEDURES****INGESTION: DO NOT INDUCE VOMITING, TAKE IMMEDIATELY TO A HOSPITAL OR  
PHYSICIAN****INHALATION: REMOVE TO FRESH AIR, GIVE ARTIFICIAL RESPIRATION OR OXYGEN IF  
NEEDED, CALL A PHYSICIAN****CONFIDENTIAL**

**SKIN CONTACT: PRIMARY—DECONTAMINATE WITH SUDECON. SECONDARY—REMOVE CONTAMINATED CLOTHING, FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN., WASH WITH SOAP AND WATER. DO NOT COVER EFFECTED AREA OR USE CREAMS OR OINTMENTS FOR 6 HOURS. CALL A PHYSICIAN.**  
**EYE CONTACT: REMOVE CONTACT LENSES, USE SUDECON. SECONDARY—FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MIN., CONSULT A PHYSICIAN.**

#### X. PERSONAL PROTECTION

**EYES: SPLASH GOGGLES**

**SKIN: PROTECTIVE CLOTHING**

**VENTILATION: ADEQUATE NATURAL OR FORCED VENTILATION**

**NOTE: FIRE FIGHTING PERSONNEL MUST USE AIR PACK**

#### XI. HEALTH HAZARD DATA

**TOXICITY: STRONG SKIN AND EYE IRRITANT, ORAL LD 50 (RAT)  
>5 GM/KG. NOT TOXIC PER 16 CFR, SECTION 1500.3 (5)**

**PRIMARY ROUTES OF ENTRY: INHALATION, SKIN, INGESTION**

**SIGNS AND SYMPTOMS OF EXPOSURE: RESPIRATORY AND SKIN IRRITATION. HIGH INHALED AMOUNTS CAN CAUSE DIZZINESS. SKIN CONTACT CAN CAUSE LOCAL IRRITATION, OR GENERAL ALLERGIC REACTION IN SENSITIVE INDIVIDUALS. ALCOHOL CONSUMED BEFORE OR AFTER EXPOSURE MAY INCREASE ADVERSE EFFECTS.**

**EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: CERTAIN ALLERGIES IN SENSITIVE INDIVIDUALS**

#### EXPOSURE LIMITS

**INGREDIENTS:**

**ISOPROPYL ALCOHOL: OSHA TWA 400 PPM, STEL 500 PPM**

#### TARGET ORGANS

##### INGREDIENTS

**ISOPROPYL ALCOHOL:**

**OLEORESIN CAPSICUM:**

**PROPYLELE GLYCOL**

##### ORGANS

**OCU, GAS**

**IRR, ALG, OCU**

**GAS**

#### TARGET ORGANS

**ALG Allergen**

**GAS Gastrointestinal**

**MUT Mutagen**

**BLO Blood**

**IRR Irritant**

**NER Nervous System**

**OCU Ocular**

**CAR Cardiac**

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