



Gillette Medical Evaluation Laboratories

28280

P8.1

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: OFF-HAND

CAS NO: NA

Effective Date: November 5, 1984
REVISION 1

A. - IDENTIFICATION

Composition* Impregnating Solution Water Ethyl Alcohol (64-17-5) Isopropyl Myristate (110-27-0) Butyl Carbitol (112-34-5) Polysorbate 40 (9005-66-7) Fragrance	%	Formula: NA
		Molecular Weight: NA
		Synonyms Off Hand #423

B. - PHYSICAL DATA

Boiling Point ~173 °F ~78 °C	Melting Point NA °F °C	Freezing Point NA °F °C
Specific Gravity (H ₂ O=1) < 1	Vapor Density (air=1) > 1	Vapor Pressure @ 68 °F < 50 mmHg
Evaporation (____ = 1) NA	Saturation in Air (by volume @ ____ °F) NA %	Autoignition Temperature °F °C NA
% Volatiles (by volume) ~90	Solubility in Water Complete	pH NA

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Appearance/Odor: White towelette, alcohol/perfume odor

Flash Point and Test Method(s): 93°F (Closed Cup)

Flammable Limits in Air (ethyl alcohol)
 (% by volume) Lower 3.3 % Upper 19 %

C. - REACTIVITY

Stability	Conditions to Avoid	Polymerization	Conditions to Avoid
stable	X Open flame. High temperatures.	may occur	NA
unstable		will not occur	
Incompatible Materials NA		Hazardous Decomposition Products NA	

D. — HEALTH HAZARD DATA

Permissible Exposure Limits (PEL'S)

None established for product. 8 hr TWA for ethyl alcohol = 1000 ppm; No TWA established for butyl carbitol. Not anticipated under foreseeable use conditions.

Warning Signals

NA

Effects of Exposure

1. Inhalation

None anticipated under foreseeable use conditions. If inhaled directly some irritation may be experienced, as with dilute alcohol.

2. Ingestion

None anticipated under foreseeable use conditions. Appreciable ingestion unlikely because of packaging - irritation feasible if towelette solution is drawn into mouth.

3. Skin

a. Contact

None anticipated under foreseeable use conditions - or as with dilute alcohol.

b. Absorption

NA

4. Eye Contact

Mild irritation possible, as with dilute alcohol.

E. — ENVIRONMENTAL IMPACT

1. Applicable Regulations

NA

2. DOT Hazard Class —

3. DOT Shipping Name —

Environmental Effects

NA

F. — EXPOSURE CONTROL METHODS**Engineering Controls**

None under normal use

Eye Protection

None under normal use

Skin Protection

None under normal use

Respiratory Protection

None under normal use

Other

Product is non-hazardous when used as directed in an office/room with normal air circulation.

G. — WORK PRACTICES**Handling and Storage**

No unusual handling or storage when used as directed. When stored in large quantities (as in warehouse) it should be in a well-ventilated, cool area.

Normal Clean Up

Place in trash.

Waste Disposal Methods

Discard as normal trash.

H. — EMERGENCY PROCEDURES

Steps to be taken if material is released to the environment or spilled in the work area

Not applicable

Fire and Explosion Hazard

As dilute alcohol

Extinguishing Media

Carbon dioxide, foam, dry chemical

Firefighting Procedures

In fires involving large quantities of product, self-contained breathing apparatus and full protective clothing should be used.

I. — FIRST AID AND MEDICAL EMERGENCY PROCEDURES

Eyes

Flush with plenty of water. If irritation persists obtain medical attention.

Skin

NA

Inhalation

If irritation occurs, as with dilute alcohol, remove to fresh air.

Ingestion

If large amounts ingested or symptoms develop, consult physician.

Notes to Physician

Ethyl alcohol contains methyl alcohol as a denaturant.

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