

# MATERIAL SAFETY DATA SHEET

Prepared According to 29 CFR 1910, 1200

N/A (Not Applicable)

N/E (Not Established)

## SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: RADIANCE FORMULA 547 BLUE SHIELD

CHEMICAL FAMILY: AN AQUEOUS SOLUTION OF  
CATIONIC SURFACTANTS AND CARNAUBA WAX.

### DOT SHIPPING NAME:

NOT REGULATED  
N/A NONE

TECHNICAL NAME: NOT REGULATED

## SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

	%	TLV (UNITS)
CATIONIC SURFACTANT CAS# PROPRIETARY	<35%	N/E
*ETHYLENE GLYCOL MONOBUTYL ETHER 111-76-2	<10%	25PPM
PETROLEUM DISTILLATE 64741-44-2	<5%	N/E

CARCINOGENS: NONE SUSPECTED

\*SARA TITLE III, SECTION 313 LISTED

## SECTION IV - FIRE AND EXPLOSIVE HAZARD DATA

FLASH POINT (METHOD USED): NONFLAMMABLE

UPPER EXPLOSIVE LIMIT: N/A LOWER EXPLOSIVE LIMIT: N/A

EXTINGUISHING MEDIA: Use appropriate  
extinguishing media for the surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing  
apparatus and full protective clothing (bunker  
gear) should be worn when fighting fires involving  
chemicals.

UNUSUAL FIRE AND EXPLOSING HAZARDS: NONE

## SECTION VI - FIRST AID & HEALTH HAZARD DATA

### FIRST AID

EYES: Immediately flush eyes with large amounts of water for at least 15  
minutes while holding eyelids apart. Washing eyes within one minute is  
essential. Seek immediate medical attention.

SKIN: Wash with plenty of water for 15 minutes. Remove contaminated  
clothing. Seek medical attention if irritation develops or persists.

INGESTION: Give milk or water to dilute. Induce vomiting. Get immediate  
medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS  
PERSON!!!

INHALATION: Remove victim to fresh air. If person is having difficulty in  
breathing, perform artificial respiration and get immediate  
medical attention.

### EFFECTS OF OVEREXPOSURE (Primary Route of Entry)

N/E

EYES: IRRITATION, REDNESS, STINGING.  
SKIN: IRRITATION.  
INGESTION: NAUSEA, VOMITING.  
INHALATION: N/E

## SECTION V - STORAGE AND HANDLING

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Use sound industrial hygiene practices. Keep container closed when not in  
use. Wash after handling. Do not eat, drink or smoke around this or any other  
chemicals. Read labels and material safety data sheets before using. Store  
container in a dry, cool area.

## HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

## HAZARD RATING

4 = EXTREME  
3 = HIGH  
2 = MODERATE  
1 = SLIGHT  
0 = INSIGNIFICANT

## SECTION III - PHYSICAL DATA

### PHYSICAL DESCRIPTION:

BLUE LIQUID  
BLUEBERRY SCENT

BOILING POINT (F): >200 F

VAPOR PRESSURE: N/E

% VOLATILE: N/E

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY: 0.96

EVAPORATION RATE: N/E

pH: 8.0

## SECTION VII - REACTIVITY DATA

STABILITY: UNSTABLE \_ STABLE X

### INCOMPATIBILITY (Materials to Avoid):

STRONG ACIDS AND OXIDIZING AGENTS.

### HAZARDOUS DECOMPOSITION PRODUCTS:

NONE KNOWN

HAZARDOUS POLYMERIZATION: NO

## SECTION VIII - SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear necessary personal protective equipment.  
Evacuate all unnecessary and untrained personnel.  
Dike area to prevent spreading of materials. Cover  
drains.  
Cover spill with an inert material (clay, sand)  
and collect into appropriate containers.  
Dispose of in accordance with federal, state and  
local regulations.

### EMPTY CONTAINERS DISPOSAL:

Any disposal practices must be in compliance with  
federal, state and local laws. Any questions  
regarding disposal should be directed to the  
proper government agency.

## SECTION IX - SPECIAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION.....NONE NORMALLY NEEDED.

PROTECTIVE GLOVES..... IMPERVIOUS

EYE PROTECTION..... SAFETY GLASSES OR GOGGLES

VENTILATION..... NORMAL ROOM VENTILATION

OTHER PROTECTIVE EQUIPMENT.. Eyewash and emergency  
shower should be located in the working area.

UNCONTROLLED DOCUMENT IF THIS LINE IS NOT 'RED'  
Currently, Warsaw Chemical Co., Inc. does not post our Material Safety Data Sheets (MSDS)  
online. Any Warsaw Chemical Co., Inc. MSDS found online may not be current or correct.