



# SAFETY DATA SHEET

## INTERNATIONAL FLAVORS & FRAGRANCES

Product : NEROL 900

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### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : NEROL 900  
Cust. Material : 00142479  
SDS Number : R00000002509  
Product Use Description : Fragrance Ingredient

Company : IFF Inc.  
600 Highway 36  
Hazlet NJ 07730

Telephone : (732) 264-4500  
Telefax : (732) 335-2551  
Emergency telephone number : +1 800 424 9300

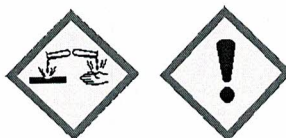
### SECTION 2 HAZARDS IDENTIFICATION

#### GHS-Classification

Skin irritation, Category 2  
Serious eye damage, Category 1  
Skin sensitisation, Category 1  
Skin sensitisation, Sub-category 1B

#### GHS-Labeling

Symbol(s) :



Signal word : Danger

Hazard statements :

H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H318: Causes serious eye damage.

Precautionary statements :

P280: Wear protective gloves/ eye protection/ face protection.  
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 + P310: IF IN EYES: Rinse cautiously with

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water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

### Carcinogenicity:

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.
2,6-Octadien-1-ol, 3,7-dimethyl-, (2Z)-	106-25-2

### SECTION 4. FIRST AID MEASURES

#### First aid procedures

- Inhalation : Remove from exposure site to fresh air and keep at rest. If victim is unconscious, remove foreign bodies from the mouth. If victim has stopped breathing, give artificial respiration. Obtain medical advice.
- Skin contact : Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.
- Eye contact : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
- Ingestion : Rinse mouth with water and obtain medical advice.

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The report published by FEMA also contains a list of "high priority" chemicals. If any of these chemicals are present in this product at a concentration  $\geq 1.0\%$  due to an intentional addition by IFF, the chemical(s) will be identified in this safety data sheet.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance

Physical state : liquid  
Appearance : CLEAR LIQUID  
Colour : colorless to pale yellow  
  
Odour : conforms to standard

#### Safety data

Flash point : 210.20 °F (99.00 °C)  
  
Vapour pressure : .08 hPa (0.08 hPa)  
Note: Calculated  
  
Relative density (20 °C) : 0.8740 - 0.8790  
  
Partition coefficient: n-octanol/water : log Pow: 2.750

### SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Remarks: Direct sources of heat.  
  
Chemical stability : Remarks: Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.  
  
Hazardous decomposition products : Note: Carbon monoxide and unidentified organic compounds may be formed during combustion.

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### SECTION 11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : Acute toxicity estimate  
Dose: 4,166 mg/kg  
Method: Calculation method
- Acute oral toxicity (Component) : Component: 106-25-2  
LD50 Rat  
Dose: 4,500 mg/kg  
Remarks: RIFM
- Component: 106-24-1  
LD50 Rat  
Dose: 3,600 mg/kg  
Method: No information available.  
Remarks: REACH data
- Component: 106-22-9  
LD50 Rat  
Dose: 3,450 mg/kg  
Remarks: RIFM
- Acute dermal toxicity : Acute toxicity estimate  
Dose: > 5,000 mg/kg  
Method: Calculation method
- Acute dermal toxicity (Component) : Component: 106-25-2  
LD50 Rabbit  
Dose: > 5,000 mg/kg
- Component: 106-24-1  
LD50 Rabbit  
Dose: > 5,000 mg/kg  
Method: No information available.  
Remarks: REACH data
- Component: 106-22-9  
LD50 Rabbit  
Dose: 2,650 mg/kg
- Skin irritation (Component) : Component: 106-25-2

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human  
Result: No skin irritation  
Method: closed patch test  
Exposure time: 48 h  
Rabbit  
Result: Skin irritation  
Exposure time: 24 h

Component: 106-24-1  
Rabbit  
Classification: Causes skin irritation.  
Result: irritating  
Method: OECD Test Guideline 404  
Exposure time: 4 h  
Remarks: REACH data

Eye irritation(Component) : Component: 106-24-1  
Rabbit  
Classification: Causes serious eye damage.  
Result: Severe eye irritation  
Method: OECD Test Guideline 405  
Exposure time: 1 h  
Remarks: REACH data

Sensitisation (Component) : Component: 106-25-2  
maximisation study human  
Result: Did not cause sensitisation on laboratory animals.  
Test substance: 4.0% in petrolatum

Component: 106-24-1  
Local lymph node assay (LLNA) Mouse  
Classification: May cause sensitisation by skin contact.  
Result: positive  
Test substance: 6.0% in petrolatum

Repeated dose : Component: 106-25-2  
toxicity(Component) Component: 106-24-1

### SECTION 12. ECOLOGICAL INFORMATION

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**Component:**  
106-24-1

Geraniol

Toxicity to fish:  
static test LC50  
Species: Danio rerio (zebra fish)  
Dose: 22 mg/l  
Exposure time: 96 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 203  
REACH data

Toxicity to fish:  
static test NOEC  
Species: Danio rerio (zebra fish)  
Dose: 10 mg/l  
Exposure time: 96 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 203  
REACH data

Toxicity to fish:  
static test LC0  
Species: Danio rerio (zebra fish)  
Dose: 10 mg/l  
Exposure time: 96 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 203  
REACH data

Toxicity to fish:  
static test LC100  
Species: Danio rerio (zebra fish)  
Dose: 46.4 mg/l  
Exposure time: 96 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 203  
REACH data

Toxicity to daphnia and other aquatic invertebrates:  
static test EC50  
Species: Daphnia magna (Water flea)  
Dose: 10.8 mg/l  
Exposure time: 48 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 202

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REACH data  
Toxicity to daphnia and other aquatic invertebrates:

static test EC0  
Species: Daphnia magna (Water flea)  
Dose: 4 mg/l  
Exposure time: 48 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 202

REACH data  
Toxicity to daphnia and other aquatic invertebrates:

static test EC100  
Species:  
Dose: 41.9 mg/l  
Exposure time: 48 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 202

REACH data  
Toxicity to algae:

static test EC50  
Species: Scenedesmus capricornutum (fresh water algae)  
Dose: 13.10 mg/l  
Exposure time: 72 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 201

REACH data  
Toxicity to algae:

static test EC10  
Species: Scenedesmus capricornutum (fresh water algae)  
Dose: 3.77 mg/l  
Exposure time: 72 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 201

REACH data  
Toxicity to algae:

static test NOEC  
Species: Scenedesmus capricornutum (fresh water algae)  
Dose: 1 mg/l  
Exposure time: 72 h  
Analytical monitoring: yes  
Method: OECD Test Guideline 201

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REACH data

### **SECTION 13. DISPOSAL CONSIDERATIONS**

Contaminated packaging            : Place material into sealed containers and dispose of in accordance with local, state and federal regulations.

### **SECTION 14. TRANSPORT INFORMATION**

DOT                      Not dangerous goods

IATA                     Not dangerous goods

IMDG                    Not dangerous goods

### **SECTION 15. REGULATORY INFORMATION**

SARA 311/312 Hazards                : Acute Health Hazard

Reportable Quantity                    :

HMIS Classification                    : Health hazard: 1  
   Flammability: 1  
   Physical and chemical hazards: 0

### **SECTION 16. OTHER INFORMATION**

Further information

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