



# MATERIAL SAFETY DATA SHEET

## Alanap 3

Version: 1.0  
Date of Issue: 09/12/2006  
Date printed: 09/12/2006

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### 1. PRODUCT AND COMPANY IDENTIFICATION

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**Product name :** Alanap 3

**Chemical name:** Naptalam-Sodium Salt

**Use of substance/preparation:** Herbicide  
**Supplier:** Chemtura Canada Co./Cie  
25 ERB STREET  
Elmira, Ontario N3B 3A3 Canada

**Manufacturer:** Chemtura USA Corporation  
199 Benson Road  
Middlebury, CT 06749 USA

**Emergency telephone number:** 866-744-3060 (Canada)  
CANUTEC (24 hours) 613-996-6666  
For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

**Environmental, Health and Safety Department:** 866-430-2775

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

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INGREDIENT	% BY WEIGHT
Naptalam-Sodium Salt CAS# 132-67-2	23.7
1-Naphthylamine CAS# 134-32-7	< 1
Inerts CAS# -	76.3

Ingredients not precisely identified are non-hazardous and/or proprietary.

CPR Compliance  
This product has been classified with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.

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### 3. HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW**  
**WARNING!**  
**MAY CAUSE MODERATE IRRITATION TO EYES.**  
**MAY CAUSE SKIN IRRITATION.**  
**MAY CAUSE SKIN SENSITIZATION.**



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### 4. FIRST AID MEASURES

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#### Swallowing

If patient is fully conscious, give two glasses of water. Induce vomiting. Obtain medical attention immediately. Do not give milk, oily products, fat or alcohol. Do not give anything by mouth to an unconscious person.

#### Inhalation

Remove to fresh air. Give artificial respiration if not breathing. Obtain medical attention.

#### Skin contact

Wash skin with soap and water. Remove contaminated clothing. Wash clothing before re-use. Obtain medical attention if irritation persists.

#### Eye contact

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention.

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### 5. FIRE-FIGHTING MEASURES

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**Flash point:** 105 °C

#### Hazardous combustion products

Irritating fumes.  
Oxides of carbon.  
Oxides of nitrogen.

#### Special fire fighting procedures

Do not discharge extinguishing waters into streams, rivers and lakes.

#### Special protective equipment for firefighters

Body covering protective clothing, full "turn-out" gear.  
Self-contained breathing apparatus.

#### Extinguishing media

**Suitable:**           **Large fires:**  
                          - alcohol-type foam or universal-type foams  
                          **Small fires:**  
                          - CO2  
                          - dry chemical

**Unsuitable:**       - water jets

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### 6. ACCIDENTAL RELEASE MEASURES

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#### Personal precautions

Wear suitable protective equipment., Avoid contact with eyes and skin.

#### Environmental precautions

Prevent from entering sewer system, surface water or soil.

#### Methods for cleaning up

Observe government regulations.

**Small spills:**       **Absorb on inert material such as sand, earth, vermiculite.**  
                          **Collect for disposal.**

**Large spills**       **Dike to contain spill.**  
                          **Pump excess material into suitable container (metal drums, metal tank, or such).**



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### 7. HANDLING AND STORAGE

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#### HANDLING

##### Handling precautions

Do not get in eyes., Avoid prolonged or repeated contact with skin., Avoid breathing vapor., Use with adequate ventilation., Wash thoroughly after handling.

#### STORAGE

##### Storage requirements

Store in a cool, dry place.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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#### EXPOSURE LIMIT VALUES

Consult local authorities for acceptable provincial values.No other exposure limits have been established

#### PERSONAL PROTECTION

##### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment., The determination of appropriate respiratory protection is best performed, on a case by case basis, taking into consideration the exposure conditions of the particular operation., The respirator manufacturer should be consulted to ensure that the air-purifying cartridges utilized will provide adequate protection for the exposure conditions and period of wear concerned.

##### Hand protection / protective gloves

Chemical resistant protective gloves

##### Eye protection

Safety glasses with side shields.

##### Skin protection

Wear protective clothing, such as long sleeves to minimize skin contact.

##### Other protective equipment

Eye bath, Safety shower

#### ENGINEERING CONTROLS

##### Ventilation

General (mechanical) room ventilation is expected to be satisfactory., Special, local ventilation is needed at points where vapors can be expected to escape to the workplace air.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

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#### APPEARANCE

Physical state	Liquid
Color	Orange to Red
Odor	Sweet naphtha
Odor threshold	Not available

#### OTHER PROPERTIES

Boiling point	105 °C 221 °F
Melting point	No data
Solidification	Forms a gel
pH	10 - 12



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Specific gravity (H <sub>2</sub> O=1)	1.09
Vapor pressure	17 hPa
Solubility in water	
Solubility in organic solvents	Not available
Evaporation rate (Butyl Acetate=1)	0.26
Partitioning coefficient	Not available
Flash point	> 105 °C Method: Tag closed cup ASTM D 56
Autoignition temperature	560 °C ( 1,040 °F)
Upper explosion limits	Not available
Lower explosion limits	Not available
Percent volatiles	75 %(m) +/-
Dynamic viscosity	4.2 mPa.s at 20 °C

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### 10. STABILITY AND REACTIVITY

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**Stability:** This product is stable under normal storage and handling conditions.

**Incompatible materials:**

Oxidizing agents.  
Strong acids.  
Strong bases.

**Hazardous combustion products:**

Irritating fumes.  
Oxides of carbon.  
Oxides of nitrogen.

**Hazardous polymerization:** Will not occur.

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### 11. TOXICOLOGICAL INFORMATION

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SWALLOWING

Test results

**Acute toxicity:** LD50 Rats  
Result: > 5,000 mg/kg

Component data 1-Naphthylamine Acute toxicity - Swallowing:	NOEL - Rats Result: > 30 mg/kg/day
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SKIN ABSORPTION



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### Test results

Acute toxicity: LD50 - Rabbit  
Result: > 20,000 mg/kg

### INHALATION

#### Test results

Acute toxicity: LC50 - Rats  
Result: > 20 mg/l  
Exposure time: 4 h

### SKIN CONTACT

#### Test results

Skin irritation: Species: Rabbit  
Result: Slight

### EYE CONTACT

#### Test results

Eye irritation: Species: Rabbit  
Result: Moderate

### SENSITIZATION

Test results: Species: - Guinea pigs  
Result: sensitizing

### MUTAGENICITY

Assessment: Negative

### CARCINOGENICITY

Assessment: Negative

### CARCINOGENICITY

Component (1-Naphthylamine): IARC Group 3: cannot be classified as carcinogenic to humans.

### TOXICITY TO REPRODUCTION/FERTILITY

Assessment Negative

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## 12. ECOLOGICAL INFORMATION

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### AQUATIC TOXICITY

Acute toxicity fish: - LC50 - Rainbow trout (Oncorhynchus mykiss)  
Result: 75 mg/l  
Exposure time: 96 h

Acute toxicity fish: - LC50 - Bluegill (Lepomis macrochirus)  
Result: 115 mg/l  
Exposure time: 96 h

Acute toxicity to aquatic invertebrates: - EC50 - Water flea (Daphnia magna)  
Result: 118.5 mg/l  
Exposure time: 48 h

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## 13. DISPOSAL CONSIDERATIONS

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**General:** Dispose of waste material in compliance with all federal, provincial and local regulations., Avoid discharge to sewers and natural waters.



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### 14. TRANSPORT INFORMATION

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#### TDG - Canada

This product is not regulated by TDG.

#### IMDG Classification

This product is not regulated by IMDG.

#### ICAO Classification

This product is not regulated by ICAO.

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### 15. REGULATORY INFORMATION

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#### CPR Compliance

This product has been classified with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.

#### CHEMICAL INVENTORY

##### Canada:

PCP #16244

##### United States:

All substances in this product are exempt from TSCA as this product is registered under FIFRA (Federal Insecticide Fungicide Rodenticide Act).

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### 16. OTHER INFORMATION

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#### FURTHER INFORMATION

MAY BE ON THE INVENTORY LIST BUT NOT NECESSARILY REGISTERED, (Korea, China, New Zealand) CONSULT REGULATORY SPECIALIST.

STP	Standard temperature and pressure
W/W	Weight/Weight

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