



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Identification of the substance or mixture

Product code P248
Product name prodan (6-propionyl-2-dimethylaminonaphthalene)

Company/undertaking identification

Life Technologies
5791 Van Allen Way
PO Box 6482
Carlsbad, CA 92008
+1 760 603 7200

LIFE TECHNOLOGIES LIMITED
3 FOUNTAIN DRIVE
INCHINNAN BUSINESS PARK
PAISLEY, PA4 9RF
SCOTLAND
44-141 814-6100

24 hour Emergency Response: 866-536-0631
301-431-8585
Outside of the U.S. ++1-301-431-8585

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

SECTION 2: Hazards identification

In accordance with local and national regulations

In accordance with local and national regulations Regulation (EC) No 1272/2008 Classification according to Directive 67/548/EEC or 1999/45/EC

GHS - Classification

Signal word
Not Hazardous

Health hazards
Not Hazardous

Physical hazards
Not Hazardous

Revision date 06-Feb-2015
Product code P248

Page 1 / 5
Product name prodan (6-propionyl-2-dimethylaminonaphthalene)

European Union

EU Specific Hazard Statements

R-phrase(s)

None

S phrases

S22 - Do not breathe dust

Principle Routes of Exposure/

Potential Health effects

eyes

May cause eye irritation with susceptible persons.

Skin

May cause skin irritation in susceptible persons.

Inhalation

May be harmful by inhalation.

INGESTION

May be harmful if swallowed.

Specific effects

Carcinogenic effects

No information available

Mutagenic effects

No information available

Reproductive toxicity

No information available

Sensitisation

No information available

Target Organ Effects

No information available

SECTION 3: Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

SECTION 4: First aid measures

Skin contact

Rinse cautiously with water for several minutes. If symptoms occur, obtain medical advice.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a doctor.

INGESTION

Never give anything by mouth to an unconscious person. If symptoms persist, call a doctor. Do not induce vomiting without medical advice.

Inhalation

Remove to fresh air. If symptoms persist, call a doctor. If not breathing, give artificial respiration.

Notes to Physician

Treat symptomatically.

SECTION 5: Firefighting measures

Suitable extinguishing media

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Special protective equipment for firefighters

Wear self-contained breathing apparatus and protective suit.

SECTION 6: Accidental release measures

Revision date
Product code

06-Feb-2015
P248

Page 2 / 5
Product name prodan (6-propionyl-2-dimethylaminonaphthalene)

Personal precautions Use personal protection equipment.
Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Environmental precautions

Prevent further leakage or spillage if safe to do so.

See Section 12 for more information.

SECTION 7: Handling and storage

Handling Always wear recommended Personal Protective Equipment. Wear personal protective equipment.
Storage Keep in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection

Exposure Limits

We are not aware of any national exposure limit.

Engineering measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Hand Protection Impervious gloves.
Eye protection Safety glasses with side-shields.
Skin and body protection Lightweight protective clothing.
Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls Prevent product from entering drains.

SECTION 9: Physical and chemical properties

General information

Form solid
Appearance No information available
Odour No information available
Boiling point / boiling range °C no data available °F no data available

Revision date 06-Feb-2015
Product code P248

Page 3 / 5
Product name prodan (6-propionyl-2-dimethylaminonaphthalene)

Melting point / melting range	°C no data available	°F no data available
flash point	°C no data available	°F no data available
Autoignition temperature	°C no data available	°F no data available
Oxidising properties	No information available	
Water solubility	no data available	

SECTION 10: Stability and reactivity

Stability	Stable under normal conditions.
Materials to avoid	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	None under normal use conditions.
polymerisation	Hazardous polymerisation does not occur.

SECTION 11: Toxicological information

Acute toxicity

No toxicology information is available. To the best of our knowledge, the chemical, physical, biological, and toxicological properties of this product have not been thoroughly investigated.

Principle Routes of Exposure/ Potential Health effects

eyes	May cause eye irritation with susceptible persons
Skin	May cause skin irritation in susceptible persons
Inhalation	May be harmful by inhalation
INGESTION	May be harmful if swallowed
Carcinogenic effects	No information available
Mutagenic effects	No information available
Reproductive toxicity	No information available.
Sensitisation	No information available
Target Organ Effects	No information available

SECTION 12: Ecological information

Ecotoxicity	No information available
Mobility	No information available
Biodegradation	Inherently biodegradable.
Bioaccumulation	Material does not bioaccumulate

SECTION 13: Disposal considerations

Dispose of contents/containers in accordance with local regulations.

SECTION 14: Transport information

IATA

Proper Shipping Name	Not classified as dangerous in the meaning of transport regulations.
Hazard Class	None
Subsidiary class	None
Packing group	None
UN-No	None

SECTION 15: Regulatory information

International Inventories

Complies

SECTION 16: Other information

Reason for revision SDS sections updated

For research use only. Not intended for human or animal diagnostic or therapeutic uses.

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRENTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PUPOSE"

End of Safety Data Sheet