



## SAFETY DATA SHEET ARNICA TINCTURE

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**PRODUCT NAME** ARNICA TINCTURE

**PRODUCT NO.** RM023

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### 2 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact.

**CLASSIFICATION** R43.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ARNICA POWDER			10-30%	Xn;R22. Xi;R36/37/38. R43.
ETHANOL	200-578-6	64-17-5	30-60%	F;R11

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

Contains ethanol at 36% (w/w) and powdered dry flower heads of Arnica montana.

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

IN ALL CASES OF DOUBT OR WHEN SYMPTOMS PERSIST, ALWAYS SEEK MEDICAL ATTENTION

#### INHALATION

Move affected person to fresh air. If recovery not rapid, seek medical attention. If breathing stops, provide artificial respiration. Keep affected person warm and at rest.

#### INGESTION

DO NOT INDUCE VOMITING. In case of spontaneous vomiting, be sure that vomit can freely drain because of danger of suffocation. Only when conscious, rinse mouth with plenty of water and give plenty of water to drink - (approx 500ml). Keep patient at rest and obtain medical attention.

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## SKIN CONTACT

Remove contaminated clothing. Wash affected area with plenty of soap and water. If irritation persists, seek medical attention.

## EYE CONTACT

Rinse immediately with plenty of water for at least 5 minutes while lifting the eye lids. Seek medical attention. Continue to rinse.

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## 5 FIRE-FIGHTING MEASURES

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### EXTINGUISHING MEDIA

Foam, dry chemical or carbon dioxide.

### SPECIAL FIRE FIGHTING PROCEDURES

Take measures to retain water used for extinguishing. Do not release contaminated water into drains, soil and surface water. Dispose of contaminated water and soil according to local regulations.

### SPECIFIC HAZARDS

Burning will produce oxides of carbon.

### PROTECTIVE MEASURES IN FIRE

Fire fighters should wear self-contained breathing apparatus.

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## 6 ACCIDENTAL RELEASE MEASURES

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### PERSONAL PRECAUTIONS

Avoid direct contact with skin, eyes and clothing.

### ENVIRONMENTAL PRECAUTIONS

Prevent contamination of soil, drains and surface water.

### SPILL CLEAN UP METHODS

Take-up spillage with absorbent, inert material and place in a suitable and closable labelled container for recovery or disposal. Wash the area clean with water and detergent, observing environmental requirements.

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## 7 HANDLING AND STORAGE

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### USAGE PRECAUTIONS

**HANDLING** - Product should be used in accordance with good industrial principles for handling and storing of hazardous chemicals. Ensure good ventilation and local exhaust extraction in work place. Spillages will create a fire hazard. Avoid vapour formation and ignition sources.

### STORAGE PRECAUTIONS

Avoid direct sunlight. Store in a cool, dry, well ventilated place, in securely closed original container.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
ETHANOL	WEL	1000 ppm	1920 mg/m3		

### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

# ARNICA TINCTURE

## HAND PROTECTION

Use impervious gloves.

## EYE PROTECTION

Use eye protection if eye contact is likely.

## OTHER PROTECTION

Wear personal protective equipment appropriate to the quantity of material handled.

## HYGIENE MEASURES

Apply good personal hygiene principles, such as washing of hands, arms and face.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE** Amber brown mobile liquid with characteristic arnica and ethanolic odour.

**SOLUBILITY** Miscible with water.

**RELATIVE DENSITY** 0.935 - 0.965 g/cm<sup>3</sup> @ 20°C

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## 10 STABILITY AND REACTIVITY

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### STABILITY

Stable under normal conditions of use.

### MATERIALS TO AVOID

Oxidising agents. Nitric acid. Sulphuric acid.

### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or burning will release oxides of carbon.

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## 11 TOXICOLOGICAL INFORMATION

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### GENERAL INFORMATION

Intoxicating if inhaled or ingested.

### INHALATION

Exposure to high vapour concentration may cause central nervous system depression or systemic effects similar to those of ingestion

### INGESTION

May cause nausea, vomiting or diarrhoea.

### SKIN CONTACT

Repeated or prolonged contact may cause skin irritation and sensitisation.

### EYE CONTACT

May cause transient eye irritation or damage.

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## 12 ECOLOGICAL INFORMATION

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### ECOTOXICITY

No specific data or information available regarding environmental impact. Avoid release to the environment.

### BIOACCUMULATION

Low bioaccumulation potential. (ethanol)

# ARNICA TINCTURE

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## 13 DISPOSAL CONSIDERATIONS

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### DISPOSAL METHODS

This material and/or its container must be disposed of as hazardous waste according to Special Waste Regulations 1996 or according to local regulations, in compliance with Duty of Care Regulations and Special Waste Regulations as waste from manufacture, supply and use of pharmaceuticals.

### WASTE CLASS

WASTE CODE: 0705\*\* HAZARDOUS PROPERTY: H3-A, (H4)

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## 14 TRANSPORT INFORMATION

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PROPER SHIPPING NAME	TINCTURES, MEDICINAL		
UN NO. ROAD	1293	ADR CLASS NO.	F1
ADR CLASS	3	ADR PACK GROUP	III
HAZARD NO. (ADR)	30	ADR LABEL NO.	3

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## 15 REGULATORY INFORMATION

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### LABELLING



Irritant

CONTAINS                      ARNICA POWDER

### RISK PHRASES

R43      May cause sensitisation by skin contact.

### SAFETY PHRASES

S24/25    Avoid contact with skin and eyes.

S37/39    Wear suitable gloves and eye/face protection.

### UK REGULATORY REFERENCES

Chemicals [Hazard Information and Packaging for Supply] Regulations 2002 [as amended].

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## 16 OTHER INFORMATION

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### INFORMATION SOURCES

This product has been classified in accordance with CHIP3 Regulations; (CHIP 2002 as amended).

# ARNICA TINCTURE

## REVISION COMMENTS

Edition 05

## ISSUED BY

SK

SDS NO. 10049

DATE 22/12/2010

## RISK PHRASES IN FULL

R11	Highly flammable.
R22	Harmful if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R43	May cause sensitisation by skin contact.

## DISCLAIMER

The foregoing data has been compiled for safety information only and does not form part of any selling specification. Information contained in this SDS is to the best of JML's knowledge correct at the time of publication. However, no guarantee is given to its accuracy, reliability or completeness and the information may not be valid if the product is used in combination with other material or process. It is the responsibility of the user to ensure that the product which they have selected is entirely suitable for their purpose under their conditions of use and in compliance with current regulatory requirements.