

Material Safety Data Sheet

Date Printed : 29/May/2015

Date Updated : 29/May/2015

Version 1.2

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

Product identifiers

Product Name MycoClean™ Mycoplasma Prevention Spray

Product Number 21083

Company iNtRON Biotechnology, Inc.

Room 1007 Jungang Induspia V, Sangdaewon-Dong,
Jungwon-Gu, Sungnam-Si, Gyunggi-Do, 462-120

KOREA

Tel. : +82-31-739-5737 Fax.: +82-31-739-5264

SECTION 2: Hazards identification

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Flammable liquids, 3, Eye damage, 1, Specific target organ toxicity - single exposure 3

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Irritant

Label elements

Labelling according Regulation (EC) No 1272/2008

Hazard pictograms



H-Phrases

- H226 Flammable liquid and vapour.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

P-Phrases

- P233 Keep container tightly closed.
P261 Avoid breathing vapours.
P280 Wear protective gloves/ eye protection/ face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard Statements none

Contains Glutaral. May produce an allergic reaction.

According to European Directive 67/548/EEC as amended.

Hazard symbol(s) Xi Irritant



R-phrase(s)

R10 Flammable.

R41 Risk of serious damage to eyes.

R67 Vapours may cause drowsiness and dizziness.

S-phrase(s)

S7 Keep container tightly closed.

S26 In case of contact with eyes, immediately flush eyes with copious amount of water for at least 10 minutes. seek medical advice.

S39 Wear eye/face protection.

Contains Glutaral. May produce an allergic reaction.

Other hazards – none

SECTION 3: Composition/information on ingredients

Mixtures

Chemical Characterization

| Component | CAS No. | EC No. | Index No. | Classification | R/H phrases | Concentration |
|------------|----------|-----------|--------------|--|--|---------------|
| n-Propanol | 71-23-8 | 200-746-9 | 603-003-00-0 | F, Xi, Flam.Lig.2; Eye Dam. 1; STOT SE 3 | R11-R41-R67 H225, H318, H336 | 25-50% |
| Glutaral | 111-30-8 | 203-856-5 | 605-022-00-X | T, N Acute Tox. 3; Skin Corr. 1B; Resp. Sens. 1; Skin Sens.1: Aquatic Acute 1 | R23/25-R34 -R42/43-R50 H301+H331 H314, H317 H334, H400 | 0.1% - 0.5% |

SECTION 4: First aid measures

In case of contact with eye, immediately flush eyes with copious amount of water for at least 10 minutes. In case of contact, immediately skin with soap and copious amount of water. Assure adequate flushing of the eyes by separating the eyelids with fingers. If inhaled, remove to fresh air. If ingested, wash out mouth with water. Call a physician. Discard contaminated clothing and shoes.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media ; Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture ; Carbon oxides

Advice for firefighters ; Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

Further information ; Noe.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For personal protection see section 8.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Reference to other sections

None.

SECTION 7: Handling and storage

Storage ; Deliver at room temperature, Store at room temperature.

SECTION 8: Exposure controls/personal protection

Eye protection ; Fitting safety goggles.

Hand protection : Handle with gloves.

Skin protection ; Light protective clothing

Respiratory protection : If ventilation is insufficient, wear respiratory protection.

SECTION 9: Physical and chemical properties

Appearance Form ; liquid

Colour ; colourless

pH ; 7 (1% aqueous solution)

Melting point/freezing point ; no data available

Boiling point ; no data available

Flash point ; 26,5 °C

Density(g/ml) ; 0.9

SECTION 10: Stability and reactivity

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

no data available

Conditions to avoid

Heat, flames and sparks.

Incompatible materials

Reactions with strong oxidizing agents.

Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

Information on toxicological effects

Acute Health Effects

Inhalation, LC50 rat ; no data available

Ingestion, LD50 rat ; no data available

Skin – contact, LD50 rat ; no data available

Irritation to skin/eye; Risk of serious damage to eyes.

Sensitization ; Allergic reactions and sensitization are possible

Germ cell mutagenicity

no data available

Specific target organ toxicity

no data available

SECTION 12: Ecological information

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Results of PBT and vPvB assessment

no data available

Other adverse effects

Harmful to aquatic life.

SECTION 13: Disposal considerations

Waste treatment methods

Product

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

UN number

ADR/RID: 1987 IMDG: 1987 IATA: 1987

UN proper shipping name

ADR/RID: ALCOHOLS, N.O.S. (Ethanol, n-Propanol)

MDG: ALCOHOLS, N.O.S. (Ethanol, n-Propanol)

IATA: Alcohols, n.o.s. (Ethanol, n-Propanol)

Transport hazard class(es)

ADR/RID: 3 IMDG: 3 IATA: 3

Packaging group

ADR/RID: III IMDG: III IATA: III

Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

Special precautions for user

no data available

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

Chemical Safety Assessment

None

SECTION 16: Other information

Text of R/H-phrases mentioned in sections 2 and 3.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H301 + H331 Toxic if swallowed or if inhaled

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

R10 Flammable.

R11 Highly flammable.

R23/25 Toxic by inhalation and if swallowed.

R34 Causes burns.

R41 Risk of serious damage to eyes.

R42/43 May cause sensitisation by inhalation and skin contact.

R50 Very toxic to aquatic organisms.

R67 Vapours may cause drowsiness and dizziness.

The statements in this Material Safety Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties.

For R&D use only. Not for drug, household or other uses.

End of Safety Data Sheet