

Safety Data Sheet

DRY GUM

Safety Data Sheet dated 30/09/2016, version 2

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Mixture identification: Gum arabic
Trade name: DRY GUM
Trade code: EXP00112501

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

Industrial Use

Food Use

1.3. Details of the supplier of the safety data sheet

Company:
Perdomini-IOC S.p.A.
Via Salvo D'Acquisto, 2
37036 S. Martino B.A. (Verona)
Tel. +39 045 8788611 - Fax +39 045 8780322

Competent person responsible for the safety data sheet:

info@perdomini-ioc.com

1.4. Emergency telephone number

Centro Antiveleni di Milano - CAV Ospedale Niguarda Cà Granda - Tel. +39 02 66101029

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

The mixture is not classified as dangerous according to EC Regulation 1272/2008 (CLP):

none

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2 Label elements

Symbols:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

2.3 Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Identification of the substance GUM ARABIC

Safety Data Sheet

DRY GUM

Trade code: EXP00112501
Product type and use: STABILIZATION

3.2 Mixtures
N.A.

4. FIRST AID MEASURES

4.1 Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

4.2 Most important symptoms and effects, both acute and delayed

None

4.3 Indication of any immediate medical attention and special treatment needed

Treatment:

None

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2 Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3 Advice for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

Safety Data Sheet

DRY GUM

- 6.3 Methods and material for containment and cleaning up
Wash with plenty of water.
- 6.4 Reference to other sections
See also section 8 and 13

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling:
Avoid contact with skin and eyes, inhalation of vapours and mists.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.
- 7.2 Conditions for safe storage, including any incompatibilities
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.
- 7.3 Specific end use(s)
None in particular

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters
None.
DNEL Exposure Limit Values
N.A.
PNEC Exposure Limit Values
N.A.
- 8.2 Exposure controls
Eye protection:
Not needed for normal use. Anyway, operate according good working practices.
Protection for skin:
No special precaution must be adopted for normal use.
Protection for hands:
Not needed for normal use.
Respiratory protection:
Not needed for normal use.
Thermal Hazards:
None
Environmental exposure controls:
None

9. PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic physical and chemical properties
- | | |
|---|---------------------|
| Appearance and colour: | white powder |
| Odour: | typical |
| Odour threshold: | N.A. |
| pH: | (sol 5.%) 4.0 - 5.0 |
| Melting point / freezing point: | n.d |
| Initial boiling point and boiling range: | n.a. |
| Solid/gas flammability: | not inflammable |
| Upper/lower flammability or explosive limits: | N.A. |

Safety Data Sheet

DRY GUM

Vapour density:	n.a.
Flash point:	absent
Evaporation rate:	N.A.
Vapour pressure:	n.a.
Relative density:	n.d.
Solubility in water:	soluble
Lipid solubility:	n.a.
Partition coefficient (n-octanol/water):	n.a.
Auto-ignition temperature:	n.a.
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	n.a.
Oxidizing properties:	n.a.
9.2 Other information	
Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties	N.A.

10. STABILITY AND REACTIVITY

- 10.1 Reactivity
Stable under normal conditions
- 10.2 Chemical stability
Stable under normal conditions
- 10.3 Possibility of hazardous reactions
It may catch fire on contact with other substances.
None
- 10.4 Conditions to avoid:
Stable under normal conditions.
- 10.5 Incompatible materials:
None in particular.
- 10.6 Hazardous decomposition products:
None.

11. TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects
Toxicological information of the substance:
N.A.

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

Safety Data Sheet

DRY GUM

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity
Adopt good working practices, so that the product is not released into the environment.
- 12.2 Persistence and degradability
None
N.A.
- 12.3 Bioaccumulative potential
N.A.
- 12.4 Mobility in soil
N.A.
- 12.5 Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
- 12.6 Other adverse effects
None

13. DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.
Recover if possible. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

- 14.1 UN number:
Not classified as dangerous in the meaning of transport regulations.
- 14.2 UN proper shipping name:
N.A.
- 14.3 Transport hazard class(es):
N.A.
- 14.4 Packing Group:
N.A.
- 14.5 Environmental hazards
N.A.
- 14.6 Special Precautions for User
N.A.
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No

15. REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
 - Dir. 98/24/EC (Risks related to chemical agents at work)
 - Dir. 2000/39/EC (Occupational exposure limit values)
 - Regulation (EC) n. 1907/2006 (REACH)
 - Regulation (EC) n. 1272/2008 (CLP)
 - Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
 - Regulation (EU) 2015/830
 - Regulation (EU) n. 286/2011 (ATP 2 CLP)
 - Regulation (EU) n. 618/2012 (ATP 3 CLP)
 - Regulation (EU) n. 487/2013 (ATP 4 CLP)
 - Regulation (EU) n. 944/2013 (ATP 5 CLP)

Safety Data Sheet

DRY GUM

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

None

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

N.A.

15.2. Chemical safety assessment

No

16. OTHER INFORMATION

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Appendix 1

Insert further consulted bibliography

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

Safety Data Sheet

DRY GUM

LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.