

Safety Data Sheet in accordance with Regulation (EU)**No.453/2010****NIPAGIN M SODIUM**

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Substance key: 000000055553
Version : 1 - 10 / EURevision Date: 25.11.2010
Date of printing : 05.01.2011**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier****Trade name****NIPAGIN M SODIUM****1.2. Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Industry sector :

Personal Care

Type of use :

Personal Care Preservatives

1.3. Details of the supplier of the safety data sheet**Identification of the company**

Clariant Production UK Ltd

Unit 2, Rawdon Park

LS19 7BA Yeadon, LEEDS

Telephone no. : +44 113 239 7920

Information about the substance/mixture

Division Functional Chemicals

tel.: +44 113 2397956

e-mail: uksafetyinfo@clariant.com

1.4. Emergency telephone number

00800-5121 5121 (24 h)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according CLP regulation (Regulation (EC) No. 1272/2008, as amended)**

Hazard class	Hazard category	H-phrase
Acute toxicity	Category 4	Harmful if swallowed.
Eye damage	Category 1	Causes serious eye damage.

Classification according EC Directive (67/548/EEC or 1999/45/EC, as amended)

Category of danger/Category	Hazard symbol	R - phrases
harmful	Harmful	Harmful if swallowed.
Irritant	Irritant	Risk of serious damage to eyes.

2.2. Label elements**Labelling according CLP regulation (Regulation (EC) No. 1272/2008, as amended)**

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Hazard pictograms


Signal word
Danger

Hazard statements

H302	Harmful if swallowed.
H318	Causes serious eye damage.

Precautionary statements

P264.3	Wash skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280.1	Wear 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.
P308	IF exposed or concerned:
P310	Immediately call a POISON CENTER or doctor/physician.

2.3. Other hazards

Harmful if swallowed.
Risk of serious damage to eyes.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical characterization

sodium methyl-4-hydroxybenzoate

Hazardous ingredients

Sodium 4-(methoxycarbonyl)phenolate

Concentration :	> 95,5 %
CAS number :	5026-62-0
EC number:	225-714-1

Classification hazard substance EC

Xn	Harmful	R 22
Xi	Irritant	R 41

GHS classification EC

Acute toxicity	Category 4	H302
Eye damage	Category 1	H318

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The text of the R-phrases is shown in section 16.

The text of the H-phrases is shown in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Seek medical assistance if discomfort continues

After inhalation

Remove the casualty into fresh air and keep him calm.

After contact with skin

In case of contact with skin wash off immediately with soap and water

After contact with eyes

Rinse immediately with gently running water for 15 minutes, maintaining eyelids open.
Consult an ophthalmologist or a physician.

After ingestion

Rinse out mouth and give plenty of water to drink.
Get medical treatment

4.2. Most important symptoms and effects, both acute and delayed

Symptoms

No symptoms known currently.

Hazards

No hazards known at this time.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

water spray jet
alcohol-resistant foam
carbon dioxide
dry powder

5.2. Special hazards arising from the substance or mixture

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)
Carbon dioxide (CO₂)

5.3. Advice for firefighters

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Special protective equipment for firefighting

Use self-contained breathing apparatus
Wear full protective suit.

Further information

Wear self-contained breathing apparatus (SCBA) and full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.
Ensure adequate ventilation.
Avoid dust formation.
Avoid contact with skin and eyes.

6.2. Environmental precautions

Do not allow entry to drains, water courses or soil
If the product gets into drains, inform the relevant authorities immediately.

6.3. Methods and material for containment and cleaning up

Take up mechanically
Place in suitable containers and send for recovery or disposal.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid the formation and deposition of dust.
Ensure adequate ventilation of the workplace

Advice on protection against fire and explosion

Keep away from sources of ignition
Take precautions against accumulation of electrostatic charge
Avoid influence of heat.
Dust can form an explosive mixture with air.

Dust explosion class : ST1 Capable of dust explosion

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Keep container tightly closed in a cool, well-ventilated place.
Protect from moisture.

Advice on storage compatibility

Not required.

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Further information on storage conditions

Store at a temperature between 5 to 40 °C

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Exposure limit values are not available.

DNEL/DMEL values

DNEL/DMEL values are not available.

PNEC values

PNEC values are not available.

8.2. Exposure controls

General protective measures

Avoid contact with eyes and skin
Do not inhale dust

Hygiene measures

Work in an adequately ventilated room.
Change contaminated clothes immediately.

Respiratory protection : Short term: filter apparatus, Filter P2

Hand protection : PVC gloves

With solid dry substances permeation is not to be expected, therefore the breakthrough-time for this protective glove has not been measured.

Eye protection : Safety goggles

Body protection : protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : solid
Form : Powder
Particle size : not tested.
Colour : white
Odour : almost odourless
Odour threshold : not tested.
pH value : approx. 10 (20 °C, 1 g/l)

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Melting point :	not determined
Boiling point :	not determined
Sublimation point :	not determined
Flash point :	Not applicable
Evaporation rate :	Not applicable
Flammability	
Lower explosion limit :	Not applicable
Upper explosive limit :	Not applicable
Combustion number :	BZ5 Complete combustion with flames
Minimum ignition energy :	200 - 300 mJ 7,4 hPa 490 °C
Vapour pressure :	Not applicable
Vapour density relative to air :	Not applicable
Relative Density:	not tested.
Solubility in water :	(20 °C) soluble
Octanol/water partition coefficient (log Pow) :	not tested.
Ignition temperature :	not tested.
Self-ignition temperature :	200 °C Method : In a 400 ml wire basket (SIT 400)
Thermal decomposition :	274 °C (Heating rate : 3 K/min) No decomposition if used as prescribed.
Viscosity (dynamic) :	not tested.
Explosive properties :	Explosive according to EU supply regulations : not explosive Method : Expert statement
Oxidizing properties :	Type of oxidizing effect : Not oxidizing Method : Expert statement

9.2. Other information

Density :	not tested.
Surface tension :	Not applicable
Specific resistance / electrical conductivity :	not tested.

SECTION 10: Stability and reactivity

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10.1. Reactivity**10.2. Chemical stability**

Under normal conditions the product is stable.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid**10.5. Incompatible materials**

not known

10.6. Hazardous decomposition products

When handled and stored appropriately, no dangerous decomposition products are known

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute oral toxicity :	LD50 2.000 mg/kg (rat) LD50 approx. 2.000 mg/kg (mouse)
Acute dermal toxicity :	not tested.
Acute inhalation toxicity :	not tested.
Irritant effect on skin :	slightly irritant
Irritant effect on eyes :	risk of serious damage to eyes (rabbit eye)
Sensitization :	not tested.
Repeated dose toxicity:	not tested.
Genetic toxicity in vitro :	not tested.
Assesment of mutagenicity :	not available
Carcinogenicity :	not tested.
Assessment of carcinogenicity :	not available
Developmental toxicity/teratogenicity :	not tested.
Toxicity to reproduction/fertility :	not tested.
Assessment of toxicity to reproduction :	not available
Assessment of teratogenicity :	not available

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Inhalation of dust causes slight irritation of the respiratory tract.

SECTION 12: Ecological information**12.1. Toxicity**

Fish toxicity :	LC0 100 mg/l (48 h, Leuciscus idus)
Daphnia toxicity :	not tested.
Algae toxicity :	not tested.
Bacteria toxicity :	not tested.
Toxicity to soil-dwelling organisms :	not tested.
Toxicity to terrestrial organisms :	not tested.
Toxicity to other environmentally relevant organisms :	not tested.

12.2. Persistence and degradability

Physico-chemical eliminability :	not tested.
Photodegradation :	not tested.
Biodegradability :	not tested.
Dissolved Organic carbon (DOC) :	not available
Chemical oxygen demand (COD) :	not available
Biochemical oxygen demand (BOD5) :	not available

12.3. Bioaccumulative potential

Bioaccumulation:	not tested.
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12.4. Mobility in soil**Behaviour in environmental compartments**
No known data.**12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects****Additional ecotoxicological remarks**

Do not allow to enter soil, waterways or waste water

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product

In accordance with regulations for hazardous waste, must be taken to a hazardous waste disposal site

Uncleaned packaging

Regulations concerning reuse or disposal of used packaging materials must be observed.

SECTION 14: Transport information

Section 14.1. to 14.5.

ADR	not restricted
ADNR	not restricted
RID	not restricted
IATA	not restricted
IMDG	not restricted

14.6. Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No transport as bulk according IBC - Code.

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.

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22	Harmful if swallowed.
41	Risk of serious damage to eyes.

List of the text of the hazard statements mentioned section 3 (H-phrases) :

H302	Harmful if swallowed.
H318	Causes serious eye damage.

Decimal notation: "thousands" places are identified with a dot (for example, "2.000 mg/kg" means "two thousand mg/kg"). Decimal places are identified with a comma (for example, "1,35 g/cm³" means "one point three five g/cm³").

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