



NATIONAL PAINTS FACTORIES CO. LIMITED

Safety Data Sheet NUMIX RETARDER

SECTION 1: Identification

1.1 Product identifier

Product name	NUMIX RETARDER
Brand	NUMIX

1.2 Other means of identification

No further relevant information available.

1.3 Recommended use of the chemical and restrictions on use

No further relevant information available.

1.4 Supplier's details

Name	National Paints Factories Co. Limited
Address	Maliha Road Industrial Area 13 Sharjah 5822 Sharjah Sharjah United Arab Emirates
Telephone	+971 6 5130000
Fax	+971 6 5340222
email	npfcl@nationalpaints.com

1.5 Emergency phone number(s)

+971 6 5130000

SECTION 2: Hazard identification

General hazard statement

No further relevant data available.

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Flammable liquids, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 3
- Toxic to reproduction, Cat. 2
- Acute toxicity, inhalation, Cat. 4

2.2 GHS label elements, including precautionary statements

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Pictogram



Hazard statement(s)

H226	Flammable liquid and vapor
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H361	Suspected of damaging fertility or the unborn child [effect, route]

Precautionary statement(s)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

2.3 Other hazards which do not result in classification

No further relevant data available.

Statement regarding ingredients of unknown toxicity

No further relevant data available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

No further relevant data available.

Hazardous components

1. Pentanedioic acid, 1,5-dimethyl ester

Concentration	80 - 90 % (weight)
CAS no.	1119-40-0

Trade secret statement (OSHA 1910.1200(i))

No further relevant data available.

SECTION 4: First-aid measures

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4.1 Description of necessary first-aid measures

General advice	No special measures required.
If inhaled	Supply fresh air; consult doctor in case of complaints.
In case of skin contact	Generally the product does not irritate the skin.
In case of eye contact	Rinse opened eye for several minutes under running water.
If swallowed	If symptoms persist consult doctor.
Personal protective equipment for first-aid responders	No further relevant information available.

4.2 Most important symptoms/effects, acute and delayed

No further relevant information available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No further relevant information available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Specific hazards arising from the chemical

No further relevant information available.

5.3 Special protective actions for fire-fighters

No further relevant information available.

Further information

No further relevant information available.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures required

6.2 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.

6.3 Methods and materials for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections

No dangerous substances are released.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

No special requirements.

Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Appropriate engineering controls

No further relevant information available.

8.2 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

No further relevant information available.

Skin protection

No further relevant information available.

Body protection

No further relevant information available.

Respiratory protection

No further relevant information available.

Thermal hazards

No further relevant information available.

Control banding approach

No further relevant information available.

Environmental exposure controls

No further relevant information available.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Fluid
Odor	Characteristic
Odor threshold	Not determined.
pH	Not determined.
Melting point/freezing point	Undetermined.
Initial boiling point and boiling range	196 °C
Flash point	94 °C
Evaporation rate	Not determined.
Flammability (solid, gas)	Not determined.
Upper/lower flammability limits	Not determined.
Upper/lower explosive limits	Not determined.
Vapor pressure	Not determined.
Vapor density	Not determined.
Relative density	Not determined.
Solubility(ies)	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water	Not determined.
Auto-ignition temperature	Product is not self-igniting
Decomposition temperature	Not determined.
Viscosity	Not determined.
Explosive properties	Not determined.
Oxidizing properties	Not determined.

Other safety information

No further relevant information available.

SECTION 10: Stability and reactivity

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10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No further relevant information available.

Skin corrosion/irritation

No irritant effect.

Serious eye damage/irritation

No irritating effect.

Respiratory or skin sensitization

No sensitising effects known.

Germ cell mutagenicity

No further relevant information available.

Carcinogenicity

No further relevant information available.

Reproductive toxicity

No further relevant information available.

Summary of evaluation of the CMR properties

No further relevant information available.

STOT-single exposure

No further relevant information available.

STOT-repeated exposure

No further relevant information available.

Aspiration hazard

No further relevant information available.

Additional information

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

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When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12: Ecological information

Toxicity

No further relevant information available.

Persistence and degradability

No further relevant information available.

Bioaccumulative potential

No further relevant information available.

Mobility in soil

No further relevant information available.

Results of PBT and vPvB assessment

No further relevant information available.

Other adverse effects

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

Disposal of the product

Smaller quantities can be disposed of with household waste.

Disposal of contaminated packaging

Disposal must be made according to official regulations

Waste treatment

Treatment must be done according to official regulations.

Sewage disposal

No further relevant information available.

Other disposal recommendations

No further relevant information available.

SECTION 14: Transport information

DOT (US)

UN Number: UN 1263

Class: 3 Flammable Liquid

Packing Group: III

Proper Shipping Name: 1263 PAINT

Reportable quantity (RQ): 5L

Marine pollutant:

Poison inhalation hazard:

IMDG

UN Number: UN 1263

Class: 3 Flammable Liquid

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Packing Group: III
EMS Number: F-E,S-D
Proper Shipping Name: 1263 PAINT

IATA

UN Number: UN 1263
Class: 3 Flammable Liquid
Packing Group:
Proper Shipping Name: 1263 PAINT

SECTION 15: Regulatory information

15.1 Chemical Safety Assessment

No further relevant information available.

SECTION 16: Other information

16.1 Further information/disclaimer

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