

# Safety Data Sheet CHELADE

Supersedes Date JUNE 2020

**Issuing Date JUNE 2024** 

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name CHELADE** 

**Recommended use** Rust converter and metal primer

Manufacturer, importer, supplier

NCH AUSTRALIA PTY LTD, DIV. OF NCH CORPORATION

N2, 391, PARK ROAD, REGENTS PARK, NSW 2143

**Telephone inquiry** 

+61-2-96690260

**Emergency Telephone Number** 

+61-2-96690237 / 0401718972

Fax number

+61-2-96931562

**Product Code 0638** 

**Chemical nature** Polymers Blend

Distributor

NCH AUSTRALIA PTY LTD

N2, 391, PARK ROAD, REGENTS PARK, NSW 2143

**Telephone Number** 

+61-2-96690260

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## 2. HAZARD IDENTIFICATION

Colour Off-white -Light brown

Physical State Liquid

**Odour** Solvent

#### **GHS**

Classification

Physical Hazards

None

Health Hazard

Skin Corrosion/Irritation Serious Eye Damage/Eye Irritation Other Hazards

Labelling

Category 2 Category 2B

Signal Word

#### Warning



<u>Hazard</u> Statements

H315 - Causes skin irritation H320 - Causes eye irritation

# **Precautionary**

**Statements** 

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302+ P352 - IF ON SKIN: Wash with plenty of soap and water

P332 + P313 - If skin irritation occurs: Get medical advice/attention

P501 - Dispose of contents and container in accordance with applicable local regulations.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component                       | CAS-No     | ENCS    | Weight % |
|---------------------------------|------------|---------|----------|
| VINYL ACRYLIC COPOLYMER         | 65045-76-3 | Present | 40-45    |
| TANNIC ACID                     | 1401-55-4  |         | 0-10     |
| DIPROPYLENE GLYCOL METHYL ETHER | 34590-94-8 | Present | 1-2      |
| INGREDIENTS NOT TO BE HAZARDOUS |            |         | 40-50    |

# 4. FIRST AID MEASURES

**General advice** Do not get in eyes, on skin or on clothing.

**Eye Contact**Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. **Skin Contact**Wash off immediately with soap and plenty of water removing all contaminated clothes and

shoes.

**Inhalation** Move to fresh air.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

Notes to physician Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

Flash Point Non Applicable Method Seta closed cup

Auto ignition Temperature No information available.

Flammability Limits in Air % Upper No data available

**Suitable Extinguishing Media** 

Water spray. Foam. Dry powder. Carbon dioxide (CO2), Foam, Dry Chemical or Water fog.

Specific hazards arising from the chemical

Material can create slippery conditions.

**Protective Equipment and Precautions for Fire-fighters** 

Wear self-contained breathing apparatus pressure-demand, Safe Work, Australia (approved or equivalent) and full protective gear.

#### **6. ACCIDENTAL RELEASE MEASURES**

Personal Precautions Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Refer to

protective measures listed in sections 7 and 8. Prevent further leakage or spillage if safe to

Lower No data available

do so. Material can create slippery conditions.

**Environmental Precautions** Avoid release of neat product into surface water and sanitary sewage system.

Methods for Containment Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth,

diatomaceous earth, vermiculite) and transfer to a container for disposal according to local /

national regulations (see section 13).

Methods for Cleaning Up

Storage

Pick up and transfer to properly labelled containers.

Neutralizing Agent Not applicable.

#### 7. HANDLING AND STORAGE

Handling Avoid contact with skin, eyes and clothing

Avoid breathing vapours or mists

Do not eat, drink or smoke when using this product

Ensure adequate ventilation

Store in original container

Keep containers tightly closed in a dry, cool and well-ventilated place

Storage Temperature Minimum 2 Maximum 49

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Storage Conditions Indoor X Outdoor Heated Refrigerated

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

| Component                       | ES-TWA        | ISHL      | ACGIH TLV |
|---------------------------------|---------------|-----------|-----------|
| VINYL ACRYLIC COPOLYMER         |               | no data   | No data   |
|                                 |               | available | available |
| TANNIC ACID                     |               | no data   | No data   |
|                                 |               | available | available |
| DIPROPYLENE GLYCOL METHYL ETHER | skin notation | no data   | TWA: 100  |
|                                 | TWA: 50 ppm   | available | ppm       |
|                                 | TWA: 308      |           | Skin      |
|                                 | mg/m³         |           | STEL: 150 |
|                                 |               |           | ppm       |
| INGREDIENTS NOT TO BE HAZARDOUS |               | no data   | No data   |
|                                 |               | available | available |

**Engineering Measures** 

**Personal Protective Equipment** 

Ensure adequate ventilation, especially in confined areas.

**Respiratory Protection** 

If exposure limits are exceeded or irritation is experienced, NOHSC approved respiratory protection should be worn. Respiratory protection must be provided in accordance with

current local regulations

**Eye/Face Protection** 

Safety glasses with side-shields.

Hand Protection Long term use eg: continuous wear or immersion; Wear suitable protective gloves

conforming to EN 374 Type of gloves suggested : Nitrile rubber PVC Neoprene gloves For

break through times, refer to glove manufacturers recommendations

Skin Protection Protective gloves

**General Hygiene Considerations** Remove and wash contaminated clothing and gloves, including the inside, before re-use.

# 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Opaque

Colour Off-white –Light brown

Physical State Liquid Odour Solvent

Odour Threshold No data available

**pH** 1.3

Melting Point/Range
No data available
Freezing Point
No information available

Boiling Point/Range 82°C

Flash Point

Method

Evaporation Rate

Vapour Pressure

Solubility

Non Applicable

Seta closed cup

0.3 (Butyl acetate=1)

13.92 mmHg @ 21°C

Completely soluble in water

Vapour Density 0.1 (Air = 1.0)

Specific Gravity 1.229

Auto ignition Temperature No information available.

Viscosity Semi -Viscous
Molecular Weight No data available

 Percent Volatile (Volume)
 62.2

 VOC Content (%)
 1.5

 Vapour Density
 0.6

 VOC Content (g/L)
 18

#### 10. STABILITY AND REACTIVITY

**Conditions to Avoid Incompatible Products** 

**Hazardous Decomposition Products** 

None known

No materials to be especially mentioned Strong oxidizing agents. When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide

None under normal processing

**Possibility of Hazardous Reactions** 

# 11. TOXICOLOGICAL INFORMATION

**Product Information** 

**Principle Route of Exposure** Skin contact, Eye contact, Inhalation. 97.23355 % of the mixture consists of ingredients of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50 20,337.00 mg/kg **Dermal LD50** 24,773.00 mg/kg

Inhalation LC50

Gas Not applicable 7.08 mg/L Mist Vapour not applicable

**Primary Routes of Entry** Skin contact, Skin Absorption

**Main Symptoms Acute Effects** 

> **Eves** May cause slight irritation.

Skin Substance may cause slight skin irritation. Inhalation May cause irritation of respiratory tract.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Ingestion

**Chronic Effects** No information available **Target Organ Effects** No information available **Aggravated Medical Conditions** No information available

**Acute Toxicity** 

| Mouto Toxioity     |                    |                      |                   |                   |                   |
|--------------------|--------------------|----------------------|-------------------|-------------------|-------------------|
| Component          | LD50 Oral          | LD50 Dermal          | LC50 Inhalation   | Draize Test       | Other             |
| VINYL ACRYLIC      | no data available  | no data available    | no data available | no data available | no data available |
| COPOLYMER          |                    |                      |                   |                   |                   |
| TANNIC ACID        | = 2260 mg/kg (Rat) | no data available    | no data available | no data available | no data available |
| DIPROPYLENE GLYCOL | = 5230 mg/kg (Rat) | = 9500 mg/kg (Rabbit | no data available | no data available | no data available |
| METHYL ETHER       |                    | )                    |                   |                   |                   |

**Chronic Toxicity** 

| Component          | Mutagenicity      | Sensitization     | Developmental Toxicity | Reproductive      | Target Organ Effects |
|--------------------|-------------------|-------------------|------------------------|-------------------|----------------------|
|                    | ,                 |                   |                        | Toxicity          |                      |
| VINYL ACRYLIC      | no data available | no data available | no data available      | no data available | no data available    |
| COPOLYMER          |                   |                   |                        |                   |                      |
| TANNIC ACID        | no data available | no data available | no data available      | no data available | no data available    |
| DIPROPYLENE GLYCOL | no data available | no data available | no data available      | no data available | eyes,CNS,respiratory |
| METHYL ETHER       |                   |                   |                        |                   | system               |
|                    |                   |                   |                        |                   |                      |

Carcinogenicity There are no known carcinogenic chemicals in this product.

| Component          | ES             | ACGIH          | IARC           | NTP            | Other          |
|--------------------|----------------|----------------|----------------|----------------|----------------|
| VINYL ACRYLIC      | not applicable |
| COPOLYMER          |                |                |                |                |                |
| TANNIC ACID        | not applicable |
| DIPROPYLENE GLYCOL | not applicable |
| METHYL ETHER       |                |                |                |                |                |
|                    |                |                |                |                |                |

### 12. ECOLOGICAL INFORMATION

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No data available **Product Information Component Information** 

| Component                          | Toxicity to Algae | Toxicity to Fish                              | Microtox          | Water Flea           | log Pow |
|------------------------------------|-------------------|---|-------------------|----------------------|---------|
| VINYL ACRYLIC COPOLYMER            | no data available | no data available                             | no data available | no data available    | N/A     |
| TANNIC ACID                        | no data available | no data available                             | no data available | no data available    | N/A     |
| DIPROPYLENE GLYCOL<br>METHYL ETHER | no data available | LC50 > 10000 mg/L Pimephales<br>promelas 96 h | no data available | LC50= 1919 mg/L 48 h | -0.064  |

**Eco toxicity effects** No information available Persistence and Degradability No information available Bioaccumulation No information available **Mobility** No information available

#### 13. DISPOSAL CONSIDERATIONS

**Product Disposal** Dispose of in accordance with local regulations.

**Container Disposal** Empty containers should be taken for local recycling, recovery, or waste disposal.

#### 14. TRANSPORT INFORMATION

ADG 7 Not classified for transport as dangerous goods

# 15. REGULATORY INFORMATION

Australia

**POISON SCHEDULE** None

# 6. OTHER INFORMATION

**Prepared By** Arvind Rane **Super cedes Date JUNE 2020 Issuing Date JUNE 2024** Reason for Revision **UPDATED SDS** 

No information available. List of References.

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