



# Safety Data Sheet CHELADE

Supersedes Date MARCH 2018

Issuing Date JUNE 2020

## 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**

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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



Hazard

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

<b>General advice</b>	Do not get in eyes, on skin or on clothing.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Notes to physician</b>	Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

<b>Flash Point</b>	Non Applicable	<b>Method</b>	Seta closed cup
<b>Auto ignition Temperature</b>	No information available.		

**Flammability Limits in Air % Upper** No data available      **Lower** No data available

#### Suitable Extinguishing Media

Water spray. Foam. Dry powder. Carbon dioxide (CO<sub>2</sub>), 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

<b>Personal Precautions</b>	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 do so. Material can create slippery conditions.
<b>Environmental Precautions</b>	Avoid release of neat product into surface water and sanitary sewage system.
<b>Methods for Containment</b>	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).
<b>Methods for Cleaning Up</b>	Pick up and transfer to properly labelled containers.
<b>Neutralizing Agent</b>	Not applicable.

### 7. HANDLING AND STORAGE

<b>Handling</b>	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
<b>Storage</b>	Store in original container Keep containers tightly closed in a dry, cool and well-ventilated place
<b>Storage Temperature</b>	<b>Minimum</b> 2 <b>Maximum</b> 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 available	No data available
TANNIC ACID		no data available	No data available
DIPROPYLENE GLYCOL METHYL ETHER	skin notation TWA: 50 ppm TWA: 308 mg/m <sup>3</sup>	no data available	TWA: 100 ppm Skin STEL: 150 ppm
INGREDIENTS NOT TO BE HAZARDOUS		no data available	No data available

### Engineering Measures

Ensure adequate ventilation, especially in confined areas.

### Personal Protective Equipment

#### 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	Non Applicable
Method	Seta closed cup
Evaporation Rate	0.3 (Butyl acetate=1)
Vapour Pressure	13.92 mmHg @ 21°C
Solubility	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

### Chemical Stability

Stable under normal conditions.

<b>Conditions to Avoid</b>	None known
<b>Incompatible Products</b>	No materials to be especially mentioned Strong oxidizing agents.
<b>Hazardous Decomposition Products</b>	When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide
<b>Possibility of Hazardous Reactions</b>	None under normal processing

## 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):

<b>Oral LD50</b>	20,337.00	mg/kg
<b>Dermal LD50</b>	24,773.00	mg/kg
<b>Inhalation LC50</b>		
<b>Gas</b>	Not applicable	
<b>Mist</b>	7.08 mg/L	
<b>Vapour</b>	not applicable	
<b>Primary Routes of Entry</b>	Skin contact, Skin Absorption	
<b>Main Symptoms</b>		
<b>Acute Effects</b>		
<b>Eyes</b>	May cause slight irritation.	
<b>Skin</b>	Substance may cause slight skin irritation.	
<b>Inhalation</b>	May cause irritation of respiratory tract.	
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.	
<b>Chronic Effects</b>	No information available	
<b>Target Organ Effects</b>	No information available	
<b>Aggravated Medical Conditions</b>	No information available	

### Acute Toxicity

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

### Chronic Toxicity

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

### Carcinogenicity

There are no known carcinogenic chemicals in this product.

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

## 12. ECOLOGICAL INFORMATION

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**Product Information** No data available

**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 METHYL ETHER	no data available	LC50 > 10000 mg/L Pimephales 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** MARCH 2018  
**Issuing Date** JUNE 2020  
**Reason for Revision** GHS-SDS FORMAT, COMPANY ADDRESS CHANGE  
**List of References.** No information available.

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