

SAFETY DATA SHEET

Date issued 09/09/2019

BW SERIES: GALVPREP & CLEAN**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product Code	BW SERIES	Product Name	GALVPREP & CLEAN
Recommended use	A paint or paint constituent product		
Company Name	Promac Paints (Pty) Ltd		
Address	PO Box 75351 Lynwood Ridge 0040 -		
Telephone	012 804 7305		
Facsimile	012 804 2040		
Emergency Contact	- T. Patel - 012 804 7305		

SECTION 2. HAZARDS IDENTIFICATION**Overall Nature** HAZARDOUS MIXTURE, DANGEROUS GOODS**Classification reference SANS10234 (1272/2008/EC) :****Classification of the substance or mixture**

- (H303) Acute toxicity (oral), Hazard Category 5
- (H315) Skin corrosion/irritation, Hazard Category 2
- (H319) Serious eye damage/eye irritation, Hazard Category 2
- (H401) Hazardous to the aquatic environment ^ AcuteHazard, Category 1
- (H411) Hazardous to the aquatic environment - Chronic Hazard, Category 2

GHS label elements, including precautionary statements**Signal word** Warning**Pictograms****Hazard and Precautionary Statements****Hazard Statements**

- May be harmful if swallowed
- Causes skin irritation
- Causes serious eye irritation
- Very toxic to aquatic life
- Toxic to aquatic life with long lasting effects

Precautionary Statements**Prevention Statements**

- Wash ... thoroughly after handling.
- Avoid release to the environment. – if this is not the intended use.
- Wear protective gloves/protective clothing/eye protection/face protection.

Response Statements

- IF ON SKIN: Wash with plenty of soap and water.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Call a POISON CENTER or doctor/physician if you feel unwell.
- Specific treatment (see ... on this label). ... Reference to supplemental first aid instruction.
- If skin irritation occurs: Get medical advice/ attention.
- If eye irritation persists: Get medical advice/attention.
- Take off contaminated clothing and wash before reuse.
- Collect spillage.

Disposal Statements

Dispose of contents/container in accordance with local/regional/ national/international regulations in accordance with local/regional/national/international regulation

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product type : Mixture **Generic name :**
CAS No. : Not applicable **EU Index No :** Not applicable **UN No :** To be established

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	% m/m	EC Labels	CAS Number	EC Index
COPPER SULPHATE	<11 %	Xn N	007758-98-7	029-004-00-0
POTASSIUM PERMANGANATE	<2.6 %	O Xn	007722.6774	231-760-3

Classification reference SANS10234 (1272/2008/EC) :

EC Index	Classification Hazard Code Note
029-004-00-0	Acute Tox. 4 ;Eye Irrit. 2;Skin Irrit. 2;Aquatic Acute 1;Aquatic Chronic 1 H302;H319;H315;H400;H410
231-760-3	Acute Tox. 4;Aquatic. Acute 1;Aquatic Chronic 1 H302;H400 ; H410

SECTION 4. FIRST AID MEASURES

Inhalation Move to fresh air.
Skin Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes Rinse immediately with plenty of water. Seek medical advice if symptoms persist.
Ingestion Wash mouth with plenty of water. Do NOT induce vomiting. seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media :

Store with care

Specific hazards arising from the chemical :

No direct explosion hazard expected.
 Non-Combustible but can cause violent chemical reactions with exotherm.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain & Collect. Use inert NOT sawdust. Remove waste to safe place - potential for spontaneous combustion.
 Wear protective equipment (see Section 8). Keep unprotected persons away.
 Do not allow product to reach sewage system or any water course.
 Remove ignition sources and provide sufficient ventilation

SECTION 7. HANDLING AND STORAGE

Storage :

Store separately from : explosives, toxic gases, flammable liquids, flammable solids, substances liable to spontaneous combustion, substances which emit flammable gases with water, poisonous (toxic) substances, infectious substances (biohazards), corrosive substances-acids,
 Handle and store with extreme care.

Handling :

Ensure good ventilation/exhaustion at the workplace
 Do not spray on a naked flame or any incandescent material
 Eating, drinking and smoking in work areas is prohibited
 Wash hands after use
 Remove contaminated clothing and protective equipment before entering eating areas

Inhalation In case of insufficient ventilation, use suitable respiratory protection.
Skin Use barrier cream and impervious gloves.
Eyes Use face shield & goggles or full face respirator/hood. Avoid direct contact.
Ingestion Observe the rules fo hygiene. Wash before eating, drinking or smoking.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	CAS Number	TWA OEL	TWA OEL	STOEL	STOEL	OEL	Vap.Press.
.	-	(mg/m3)	(ppm)	(mg/m3)	(ppm)	Type	(mmHg)

GALVPREP & CLEAN	Not applicable		
Components :	-----	-----	-----
COPPER SULPHATE	007758-98-7	1 CU	CU
POTASSIUM PERMANGANATE	007722.6774		

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

OEL Type : Mixture

Maintain air concentrations below occupational exposure standards, using engineering controls as necessary
 Appropriate hand protection and protective clothing must always be used
 Keep away from foodstuffs, beverages and feed
 Wash hands before breaks and at the end of work

Personal protective equipment :

Skin PPE : Overall and impervious gloves (eg nitrile rubber)
Respiratory PPE : Air purifying respirator (eg cartridge type)
Eye PPE : Faceshield or solvent resistant goggles

HMIS Rating (USA) 3 - 2 - 0 - 1 (Health-Flam-Reactivity-PPE)
SAPMA Rating 1-H-E PPE : Gloves, Respirator and Eye protection



SPRAYBOOTH

Spraybooth Type Spraybooth complying with National Standards
Skin PPE Nitrile Gloves
Eyes PPE Faceshield or solvent resistant goggles
Respiratory Protection Air supplied full facepiece or head covering respirator suitable for organic vapours/particulates

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Viscous liquid
Odour	Pungent
pH	not available
Boiling point	>100°C
Melting point	not available
Flash point	>90°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available
Density	not available
Water solubility	--
Fat solubility	--
Partition coefficient	not available
Viscosity	not available
Vapour density	not available
Evaporation rate	not available
Autoignition temperature	not available
L.E.L.	not available
U.E.L.	not available
% non volatile	not available

SECTION 10. STABILITY AND REACTIVITY

Potential for exothermic reaction
 Potential for spontaneous combustion
 No reaction with fire-fighting water
 Keep away from : explosives, toxic gases, flammable liquids, flammable solids, substances liable to spontaneous combustion,

substances which emit flammable gases with water, poisonous (toxic) substances, infectious substances (biohazards), corrosive substances-acids,

SECTION 11. TOXICOLOGICAL INFORMATION

Name	CAS Number	LD50 Oral mg/kg	LD50 Skin mg/kg	LC50 Inhal(gas) ppmV	LC50 Inhal(mist) mg/ltr
-	-	3676 ATEoral	-----	-----	-----
GALVPREP & CLEAN Components :	Not applicable	-----	-----	-----	-----
COPPER SULPHATE	007758-98-7	960 mg (Rat)	-----	-----	-----
POTASSIUM PERMANGANATE	007722.6774	-----	-----	-----	-----

Inhalation Avoid exposure to vapours, fumes and mists.
Skin Irritating, risk of dermatitis. May be absorbed.
Eyes Irritating.
Ingestion Irritating and nauseating.
 MAY INDUCE EFFECTS ON REPRODUCTION/FERTILITY CAT 1. (EC/CHIP2)

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove
 Aquatic 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.

No available ecological data of ingredients :

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.
 Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

SECTION 14. TRANSPORT INFORMATION

UN Number NOTE ! UN No. to be established ! **Packing group** : II **IMO Class** : 5.1
IMO Class 5.1 **Packing Group** II



SECTION 15. REGULATORY INFORMATION

Classification reference SANS10234 (1272/2008/EC) :

Classification of the substance or mixture

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SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.
 HMIS Rating (USA) : 3 - 2 - 0 - I (Health-Flam-Reactivity-PPE)

Hazard (H) phrases associated with components

- H302 : Harmful if swallowed
- H315 : Causes skin irritation
- H319 : Causes serious eye irritation
- H400 : Very toxic to aquatic life
- H410 : Very toxic to aquatic life with long lasting effects

Abbreviations

Code : Abbreviation : Meaning
 N : : dangerous for the environment

O : : oxidising
 Xn : : harmful
 ===== : :
 : : Associated pictogram code shown in brackets
 H302 : Acute Tox. 4 : (GHS07) Acute toxicity (oral), Hazard Category 4
 H315 : Skin Corr/Irrit. 2 : (GHS07) Skin corrosion/irritation, Hazard Category 2
 H319 : Eye Dam /Irrit 2 : (GHS07) Serious eye damage/eye irritation, Hazard Category 2
 H400 : Aquatic. Acute 1 : (GHS09) Hazardous to the aquatic environment ^ AcuteHazard, Category 1
 H410 : Aquatic Chronic 1 : (GHS09) Hazardous to the aquatic environment ^ Chronic Hazard, Category 1
 ===== : :
 : : %m/m : Percent by mass
 : ATE : Acute Toxicity Estimate
 : CAS : Chemical Abstracts Service
 : CHIP : Chemicals (Hazard Information and Packaging for supply)
 : CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
 : CNS : Central Nervous System
 : DIN : Standard of the German Institute for Standardisation
 : DOT : Department of Transport
 : EC : European Community
 : EC50 : Effective Concentration (Median) for 50% of the response under test
 : ECB : European Chemicals Bureau
 : ECHA : European Chemicals Agency, Helsinki (http://echa.europa.eu/home_en.asp)
 : EEC : European Economic Community
 : EINECS : European Inventory of Existing Chemical Substances
 : ELINCS : European List of Notified Chemical Substances
 : GHS : Globally Harmonized System of Classification and Labelling of Chemicals
 : HMIS : Hazardous Materials Information System (USA only)
 : IATA : International Air Transport Association
 : IMDG : International Maritime Dangerous Goods Code
 : IMO : International Maritime Organization
 : INS : Guidance on Identification and Naming of Substances under REACH, ECHA, 2007
 : ISO : International Standards Organisation
 : L.E.L. : Lower explosive limit
 : LD50/LC50 : Median (50%) lethal dose/concentration
 : mg/m3 : Milligrams per cubic meter
 : MSDS : Material safety data sheet
 : n.a. : Not available
 : NC : No Classification
 : No : Number
 : OEL : Occupational exposure limit
 : OEL-CL : Occupational exposure limit - control limit
 : OEL-RL : Occupational exposure limit - recommended limit
 : OHS Act : Occupational Health and Safety Act
 : P statement : Precautionary statement
 : PPE : Personal protective equipment
 : ppm : Parts per million
 : REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
 : RTDG : Regulations on the Transport of Dangerous Goods. Generic term that covers all modal transport regulations (ADR, RID, ADN, IMDG and ITDG)
 : SABS : South African Bureau of Standards
 : SANS : South African National Standards
 : SAPMA : South African Paint Manufacturers Association
 : SARA 313 : Toxic Release Inventory Reporting SRA Section 3
 : SDS : Safety Data Sheet
 : STOEL : Short-term occupational exposure limit
 : STOT-RE : Specific Target Organ Toxicity - Repeated Exposure
 : STOT-SE : Specific Target Organ Toxicity - Single Exposure
 : TDG : Transport of Dangerous Goods
 : TSCA : Toxic Substance Control Act (USA only)
 : TWA : Time weighted average
 : U.E.L. : Upper explosive limit
 : UN : United Nations
 : WHMIS : Workplace Hazardous Materials Information Systems (Canada only)
 ===== : :

This SDS conforms with General Administrative Regulations of 6 Sept.1996 (SANS11014:2010/ISO11014:2009)
 OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
 SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
 All information is given in good faith but without guarantee in respect of accuracy.
 No responsibility is accepted for errors or omissions or the consequences thereof.

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