

Safety Data Sheet

Cleaning & Thinning Solvent

Sealing

Issue Date: May 2020

7 Day Technical Support 1800 655 711

1. Identification of the Material and Supplier

Company Name:	Crommelin	U.N. Number:	1268
Address:	72 Division St, Welshpool, WA	Dangerous Goods Class/ and Subsidiary Risk:	3
Telephone Contact:	+61 8 9458 5711	Hazchem Code:	3Y
Emergency Contact:	Poisons Information Centre 13 11 26	Poisons Schedule:	S5
Fax:	+61 8 9451 4749		
Product Name:	Cleaning & Thinning Solvent		
Manufacturers Code:	7073		
Recommended Uses:	Solvent for Cleaning & Thinning		

2. Hazard(s) Identification

Hazard Classification : Classified as dangerous goods in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG).
Classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonised System (GHS)

GHS Classification:

Flammable liquids	Category 3
Skin corrosion/irritation	Category 2
Specific target organ toxicity (single exposure)	Category 3
Aspiration hazard Category 1	Category 2
Serious eye damage / eye irritation	Category 2A
Aquatic environmental chronic hazard	Category 2

Label Elements:



Signal Word: WARNING

Hazard statements

H226 - Flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation
H411 – Toxic to aquatic life with long lasting effects.
AUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapours/spray
Use only outdoors or in a well-ventilated area
Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Safety Data Sheet

Cleaning & Thinning Solvent

Sealing

Issue Date: May 2020

7 Day Technical Support 1800 655 711

Keep container tightly closed
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ ventilating/ lighting/ equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Keep cool

Precautionary Statements - Response
 Specific treatment (see supplemental first aid instructions on this label)
 If skin irritation occurs: Get medical advice/attention
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before re-use
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Call a POISON CENTRE or doctor/physician if you feel unwell
 In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage
 Store in a well-ventilated place. Keep container tightly closed
 Store locked up

Precautionary Statements - Disposal
 Dispose of contents/container to an approved waste disposal plant

Other hazards

3. Composition/ Information on Ingredients

Chemical Name	CAS No.	Proportion
Solvent naphtha (petroleum), light aromatic	64742-95-6	60-100%
Xylene	1330-20-7	10-20%
Ethylbenzene	100-41-4	1-<3%
Ingredients determined not to be hazardous		to 100%

4. First Aid

Swallowed:	Do not induce vomiting. Wash mouth and lips thoroughly with water. Seek medical advice if symptoms persist.
Eyes:	Immediately flush gently with running water, holding eyelids open for 15 mins. Seek medical attention.
Skin:	Wash affected area immediately with soap and water. If irritation develops seek medical attention.
Inhaled:	If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.
First Aid Facilities:	Eye wash and normal wash room facilities.
Advice to Doctor:	Treat symptomatically.
Other information:	For advice in an Emergency, contact Poisons information centre Ph: 13 11 26 (Australia) or a doctor.

Safety Data Sheet

Cleaning & Thinning Solvent

Sealing

Issue Date: May 2020

7 Day Technical Support 1800 655 711

5. Fire Fighting Measures

Flammability:	Flammable liquid and vapour.
Suitable Extinguishing Media:	Carbon dioxide, dry chemical, foam, water fog or mist. Do not use water jet.
Hazards from combustion:	Under fire conditions the product may emit toxic fumes including carbon monoxide and carbon dioxide.
Product Specific Hazards:	Flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.
Precautions in connection with fire:	Fire fighters should wear full PPE and self-contained breathing apparatus operated in positive pressure mode to prevent exposure to vapours, fumes and products of combustion. Use water spray to disperse vapours. This product should be prevented from entering drains and water courses.

6. Accidental Release Measures

Emergency Procedures:	Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Evacuate all unprotected personnel. Increase ventilation. If possible contain the spill. Place inert, absorbent, non-combustible material onto the spillage. Use clean, non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
-----------------------	---

7. Handling and Storage

Precautions for safe handling:	Avoid contact with skin and eyes. Wear overalls, impervious gloves and safety glasses. Use in designated areas with local exhaust ventilation, away from sparks, flames and other ignition sources. Use approved flammable liquid storage containers in the work area. Prevent release of vapours and mists into work place air. Keep containers tightly closed. Take precautionary measures against static discharges. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, always wash hands before eating, drinking, smoking or using toilet facilities.
Conditions for safe storage and transport:	Store in a cool, dry, well ventilated place, well away from sources of ignition incompatible storage materials such as strong acids, strong bases and oxidising agents. Protect from freezing and against physical damage. Handle and store in accordance with local and national regulations for flammable liquids.
Spills and disposal:	Absorb spilt product onto inert absorbent material, sand or earth and collect and place in labelled containers. Dispose as per local, state and federal government regulations. Do not allow large spills to enter drains or sewers, inform local water authorities and EPA in accordance with local regulations.

Safety Data Sheet

Cleaning & Thinning Solvent

Sealing

Issue Date: May 2020

7 Day Technical Support 1800 655 711

8. Exposure Controls/ Personal Protection

Exposure limits: Xylene (1330-20-7): 80ppm TWA, 350mg/m³, 150ppm STEL, 655mg/m³ STEL
Ethylbenzene (100-41-4): 100ppm TWA, 434mg/m³ TWA, 150ppm STEL, 655mg/m³ STEL.

Biological exposure limits: Biological occupational exposure An occupational medicine specialist familiar with national and regional regulations and limits standards must be consulted to establish a program of medical examinations for workers exposed to substances with biological limit values.

Chemical Name	Australia	ACGIH	United Kingdom	European Union
Xylene 1330-20-7	-	Methyhippuric acids: 1.5 g/g creatinine urine end of shift	650 mmol/mol creatinine	
Ethylbenzene	-	Sum of mandelic acid and phenylglyoxylic acid: 0.15 g/g creatinine urine end of shift	-	

Ventilation: Use with good ventilation to keep airborne concentrations as low as possible. Where vapours or mists are generated a local exhaust, ventilation system drawing vapours away from workers' breathing zone, should be used.

Personal protection: Normal site PPE. Observe good industrial hygiene.

Respiratory Protection: If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist /dust filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements.

Eye Protection: Safety glasses with side shields or goggles, as appropriate should be used. Final choice of appropriate eye/face protection will vary according to individual circumstances, and should conform to relevant regulations.

Hand Protection: Use chemical resistant gloves. Final choice of gloves will vary according to individual circumstances. Occupational protective gloves should conform to relevant regulations.

Body Protection: Suitable protective work wear, e.g. cotton overalls buttoned at neck and wrist is recommended.

Environmental Exposure Controls Do not allow into any sewer, on the ground or into any body of water.

9. Physical Description/ Properties

Appearance: Clear, straw liquid.
 Odour: Aromatic hydrocarbon odour.
 Melting Point: Not Available.
 Boiling Point: 148-182°C
 Solubility in Water: Insoluble in water
 Specific Gravity: 0.87-0.88
 pH value: Not Available
 Vapour Pressure: 0.8kPa @ 38°C
 Vapour Density: 4.25 (Air = 1)
 Evaporation Rate: < 1 (n-Butyl acetate = 1)
 Flash Point: 38-47°C (Abel)

Safety Data Sheet

Cleaning & Thinning Solvent

Sealing

Issue Date: May 2020

7 Day Technical Support 1800 655 711

Flammability:	Flammable liquid and vapour
Flammable Limits Lower:	0.6% (for solvent)
Flammable Limits Upper:	7% (for solvent)
Percent Volatiles:	100%

10. Stability and Reactivity

Chemical Stability:	Stable under normal conditions of storage and handling
Conditions to avoid:	Heat, open flames and other sources of ignition.
Incompatible Materials:	Oxidising agents, strong acids and strong bases.
Reactivity:	Does not react under normal storage and handling conditions.
Hazardous Decomposition Products:	Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon dioxide and carbon monoxide.
Hazardous Polymerisation:	Will not occur.

11. Toxicological Information

Toxicology Information:

The following values are calculated based on chapter 3.1 of the GHS document

Converted acute toxicity point estimates may have been used when only acute toxicity hazard classification is available.

Acute toxicity	LD50 = 2000mg/kg oral (Rat) LD50 = 2000mg/kg dermal (Rat) LC50=(rat,4h) greater than near-saturated vapour pressure
----------------	---

Swallowed:	Harmful if swallowed. Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Eyes:	May be irritating to eyes. Symptoms may include redness, itching and tearing.
Skin:	Slightly irritating, may cause redness, itching and tearing.
Inhaled:	Irritating to respiratory system. Symptoms include sneezing, coughing, wheezing, shortness of breath, headache, dizziness, drowsiness, nausea and vomiting.
Chronic Effects:	Prolonged or repeated skin contact may cause defatting leading to dermatitis. Prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches.

Carcinogenicity

Chemical Name	Australia IARC
Xylene- 1330-20-7	Group 3
Ethylbenzene - 100-41-4	Group 2B

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3- Not Classifiable as to Carcinogenicity in Humans

Safety Data Sheet

Cleaning & Thinning Solvent

Sealing

Issue Date: May 2020

7 Day Technical Support 1800 655 711

12. Ecological Information

Ecotoxicity:

Chemical Name	Fish
Solvent naphtha (petroleum), light aromatic	9.22 mg/L LC50 96 h <i>Oncorhynchus mykiss</i>
Xylene	13.4 mg/L LC50 96 h <i>Pimephales promelas</i> flow-through 13.5- 17.3 mg/L LC50 96 h <i>Oncorhynchus mykiss</i> 13.1 - 16.5 mg/L LC50 96 h <i>Lepomis macrochirus</i> flow-through 23.53 - 29.97 mg/L LC50 96 h <i>Pimephales promelas</i> static 19 mg/L LC50 96 h <i>Lepomis macrochirus</i> 2.661 - 4.093 mg/L LC50 96 h <i>Oncorhynchus mykiss</i> static 30.26 - 40.75 mg/L LC50 96 h <i>Poecilia reticulata</i> static 780 mg/L LC50 96 h <i>Cyprinus carpio</i> semi-static 780 mg/L LC50 96 h <i>Cyprinus carpio</i> 7.711 - 9.591 mg/L LC50 96 h <i>Lepomis macrochirus</i> static
Ethylbenzene	11.0-18.0 mg/L LC50 96 h <i>Oncorhynchus mykiss</i> static 7.55 - 11 mg/L LC50 96 h <i>Pimephales promelas</i> flow-through 9.1 - 15.6 mg/L LC50 96 h <i>Pimephales promelas</i> static 9.6 mg/L LC50 96 h <i>Poecilia reticulata</i> static 4.2 mg/L LC50 96 h <i>Oncorhynchus mykiss</i> semi-static 32 mg/L LC50 96 h <i>Lepomis macrochirus</i> static

13. Disposal Considerations

Waste disposal:	Disposal of the spilled or waste product must be done in accordance with the applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not puncture, cut or weld on or near containers. Empty containers may contain flammable residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.
-----------------	--

14. Transport Information

Transport Information:	This material is a class 3 – Flammable Liquid according to the Australian Dangerous Goods Code for the transport of Dangerous Goods by Road and Rail. (7 th edition). Class 3 – Flammable Liquids and incompatible in a placard load with any of the following: Class 1 Explosives Division 2.1 Flammable Gases Division 2.3 Toxic Gases Division 4.2 Spontaneously Combustible Substances Division 5.1 and 5.2, Oxidising agents and Organic Peroxides Class 6 Toxic or Infectious Substances (where the flammable liquid is nitromethane) Class 7 Radioactive Substances.
UN Number:	1268
Proper Shipping Name:	Petroleum distillates, N.O.S. (Petroleum naphtha)
DG Class:	3
Hazchem Code:	3Y
Packaging Group:	III
IERG Number:	14 (Initial Emergency Response Guide)
IMDG Marine Pollutant:	This product is classified as a Marine Pollutant according to the International Maritime Dangerous Goods Code.

Safety Data Sheet

Cleaning & Thinning Solvent

Sealing

Issue Date: May 2020

7 Day Technical Support 1800 655 711

15. Regulatory Information

Regulatory Information:	Classified as Hazardous according to the criteria of the National Occupational Health and Safety Commission (NOHSC), Australia. Classified as Scheduled Poison according to the Standard for the Uniform of Drugs and Poisons (SUSDP)
Poisons Schedule:	S5
AICS (Australia):	All chemicals are listed on the Australian Inventory of Chemical Substances (AICS) or are otherwise in compliance with NICNAS requirements.

16. Other Information

Abbreviations:	mmHg – Millimetres of Mercury CAS – Chemical Abstract Service Number (used to uniquely identify chemical compounds)
Date of Issue:	Prepared May 2020
Supersedes:	November 2016
Contact Person/Point:	Technical Manager/Chemist: Phone: +61 8 9458 5711 Emergency: Poisons Information Centre 13 11 26

Disclaimer

Crommelin® and other marks followed by ® are registered trademarks. Marks followed by the symbol of ™ are trademarks. Any advice, recommendation, information, assistance or service provided by Crommelin® in relation to its products or their use is given in good faith, however is provided without responsibility or liability. Customers need to undertake their own assessment to determine the suitability of a product for the particular use intended. As the performance of any product is subject to a wide variety of different surface types as well as environmental and surface-specific conditions, it is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs on the specific surface.

End of MSDS