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Infosafe No™ 1CH91

Issue Date :November 2022 RE-ISSUED by CHEMSUPP

Product Name NAPHTHALENE

Classified as hazardous

Section 1 - Identif	ication
Product Identifier	NAPHTHALENE
Company Name	CHEMSUPPLY AUSTRALIA PTY LTD (ABN 19 008 264 211)
Address	38 - 50 Bedford Street GILLMAN SA 5013 Australia
Telephone/Fax Number	Tel: (08) 8440-2000
Emergency Phone Number	CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)
E-mail Address	www.chemsupply.com.au
Recommended use of the chemical and restrictions on use	Laboratory reagent.
Other Names	Name Product Code
	NAPHTHALENE Flakes LR NL017
	Mothballs
	Tar camphor Naphthene Naphthalin
Other Information	*
	for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon ChemSupply Australia Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of ChemSupply Australia Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.
Section 2 - Hazard	d(s) Identification
GHS Classification of the Substance/Mixture	Hazardous to the Aquatic Environment - Acute Hazard: Category 1 Hazardous to the Aquatic Environment - Long-Term Hazard: Category 1 Carcinogenicity: Category 2 Acute Toxicity - Oral: Category 4
Signal Word	WARNING
Hazard Statement (s)	H228 Flammable solid. H302 Harmful if swallowed. H351 Suspected of causing cancer. H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects.
Pictogram (s)	Flame, Health hazard, Exclamation mark, Environment
Precautionary Statement – Prevention	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.

P240 Ground/bond container and receiving equipment. P264 Wash thoroughly after handling.



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		Classified as hazardous	
	P273 Avoid r	elease to the environment.	
	P281 Use per	sonal protective equipment as req	uired.
Precautionary	P3UI+P3IZ IF	SWALLOWED: Call a POISON CENTER	or doctor/physician if you feel
Statement – Response	P330 Rinse m	outh.	
Response	P308+P313 IF	exposed or concerned: Get medica	l advice/attention.
	P370+P378 In	case of fire: Use dry sand, dry	chemicalor alcohol-resistant foam
	P391 Collect	spillage.	
Precautionary	P405 Store l	ocked up.	
Statement – Storage			
Precautionary	P501 Dispose	of contents/container according	to local, state and federal
Statement – Disposal	merciaity is a	meet common following ingestion o	f large deepe but can ecour
Other Information	after dermal	or inhalation exposure as well.	i large doses, but can occur
Section 3 - Comp	osition and Info	rmation on Ingredients	
Ingredients	Name	CAS	Proportion
	Naphthalene	91-20-3	100 %
Information on	Coal tar nap	hthalene is about 90-95% naphthal	ene, 1-3% thionaphthene, 1-2%
Composition	Petroleum naj	phthalene is a high purity petroc	hemical feedstock.
Section 4 - First A	id Measures		
Inhalation	If inhaled,	remove from contaminated area to	fresh air immediately. Apply
	oxvgen. Cons	espiration if not breatning. If b ult a physician.	reatning is difficult, give
Ingestion	Rinse mouth	thoroughly with water immediately	, repeat until all traces of
8	product have	been removed. DO NOT INDUCE VOMI	TING. Seek immediate medical
Skin	Wash affecte	d area thoroughly with copious am	ounts of running water. Remove
	contaminated	clothing and wash before reuse.	Seek medical attention in severe
Eve	If contact w	ith the eye(s) occurs, wash with	copious amounts of water for
J -	approximatel	y 15 minutes holding eyelid(s) op	en. Take care not to rinse
	contaminated	water into the non-affected eye.	Seek medical attention.
First Aid Facilities	Maintain eye	wash foundain and safety shower i	n work area.
Advice to Doctor	Treat sympton the patient.	matically based on judgement of d	octor and individual reactions of
Protection for First	Avoid exposu	re – possible carcinogen.	
Aiders			
Other Information	For advice, New Zealand	contact a Poisons Information Cen 0800 764 766) or a doctor at once	 tre (Phone eg Australia 13 1126; .
Section 5 - Firefig	hting Measures	1	
Hazards from	Toxic carbon	monoxide and carbon dioxide.	
Combustion			
Products			c.
Specific Methods	Small fire: Large fire:	Use dry chemical, CO2, water spra Use water spray, fog or foam	y or foam.
	If safe to d	o so, move undamaged containers f	rom fire area. Cool containers
	with floodin	g quantities of water until well	after fire is out.
Specific Hazards	May be ignit	ed by friction, heat, sparks or f	lame. Vapours, dust, borings or
Arising from the	re-ignite af	ter fire is extinguished. Fire ma	y produce irritating, poisonous
Chemicai	and/or corro	sive gases. Containers may explod	e when heated. Runoff may pollute
	waterways. S	olids may melt and flow when heat	ed or involved in a fire.
Hazchem Code			



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Precautions in connection with Fire	Wear SCBA and chemical splash suit. Structural firefighter's uniform may provide limited protection.
Section 6 - Accide	ntal Release Measures
Spills & Disposal	Eliminate all ignition sources (no smoking, flares, sparks or flames) within at least 15m. Do not touch or walk through spilled material. Prevent entry into waterways, drains or confined areas. Obtain expert advice on use of water as spilled material may be water-reactive. Prevent dust cloud. Use clean non-sparking tools to collect absorbed material and place it into loosely-covered metal or plastic containers for later disposal. SEEK EXPERT ADVICE ON HANDLING AND DISPOSAL.
Personal Precautions	Evacuate the area of all non-essential personnel. Avoid substance contact. Avoid generation of dusts: do not inhale dusts. Ensure supply of fresh air in enclosed rooms.
Personal Protection	Wear protective clothing specified for normal operations (see Section 8)
Clean-up Methods - Small Spillages	Sweep up (avoid generating dust) and using clean non-sparking tools transfer to a clean, suitable, clearly labelled container for disposal in accordance with local regulations.

Section 7 - Handling and Storage

Precautions for Safe Handling	Do not use on the bedding or clothing of infants or in the bedrooms of children 3 years of age or less. Avoid ingestion and inhalation of vapour/dust. Avoid contact with eyes, skin or clothing. Minimise generation and accumulation of dusts/vapours. Use only with adequate ventilation. Keep breathing equipment ready. Wear suitable protective clothing. Use chemical resistant gloves, safety glasses and dust mask. Change contaminated clothing. Maintain high standards of personal hygiene ie. wash hands after handling this material, and prior to eating, drinking, smoking or using toilet facilities. Wash hands after working with substance. Guard against static electricity. Do not use near welding or other ignition sources.
Conditions for safe storage, including any incompatibilities	Store in tightly closed containers, in a cool, dry, well ventilated area away from imcompatibles. Keep away from strong oxidizing substances and foodstuffs. Protect against physical damage, direct sunlight and moisture. If solid, use adequate ventilation especially on the floor level. Keep from open fire and ignition sources. Guard against static electricity. Have appropriate fire extinguishers available in and near the storage area. Inspect regularly for deficiencies such as damage or leaks. Store and handle in accordance with all applicable local and national regulations.
Corrosiveness	Not corrosive to metals. Melted naphthalene will attack some forms of plastics, rubber, and coatings.
Storage Temperatures	Store at room temperature (15 to 25 $^\circ \text{C}$ recommended).
Section 8 - Exposu	re Controls and Personal Protection

Occupational Exposure Limit	Name	5	STEL	Т	WA	
(OEL) values		mg/m3	ppm	mg/m3	ppm	Footnote
	Naphthalene	79	15	52	10	
Other Exposure Information	A time weighted average (TWA Australia) of 52 mg/m ³ , (10 (15 ppm). The STEL (Short Te should not be exceeded for r more than 4 times per day. S successive exposures at the airborne concentration of a 8 hour working day for a 5 c	A) has b ppm). T erm Expo nore tha There sh STEL. T particu day work	een estab he corres sure Limi n 15 minu ould be a he exposu lar subst ing week.	plished for sponding SI (t) is an e ates and sh at least 60 are value a cance when	Naphtha TEL level exposure hould not minutes at the TW calculat	alene (Safe Work L is 79 mg/m ³ , value that t be repeated for s between WA is the average ted over a normal
Engineering Controls	In industrial situations man This may be achieved by pro- ventilation, capturing subst	intain t cess mod tances a	he concer ification t the sou	ntrations w n, use of l nrce, or ot	values be local exf ther meth	elow the TWA. naust nods.



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Product Name	NAPHTHALENE	
	Classified as hazardous	
Respiratory Protection	Where ventilation is not adequate, respiratory protection Avoid breathing dust, vapours or mists. Respiratory protective with AS 1716 - Respiratory Protective Devices and be sel- with AS 1715 - Selection, Use and Maintenance of Respiran Devices. Filter capacity and respirator type depends on event of emergency or planned entry into unknown concent pressure, full-facepiece SCBA should be used. If respiran required, institute a complete respiratory protection pro- selection, fit testing, training, maintenance and inspect	n may be required. action should comply acted in accordance cory Protective axposure levels. In rations a positive tory protection is ogram including tion.
Eye and Face Protection	The use of a face shield, chemical goggles or safety gla protection as appropriate. Must comply with Australian a be selected and used in accordance with AS 1336.	sses with side shield Standards AS 1337 and
Hand Protection	Hand protection should comply with AS 2161, Occupational Selection, use and maintenance. Recommendation: Aroma hydrocarbons will attack all types of natural and synthe Should swelling occur, the user should change to fresh g swollen gloves to dry and return to normal.	protective gloves - tic and halogenated tic glove material. loves and allow the
Personal Protective Equipment	Final choice of personal protective equipment will depend circumstances and/or according to risk assessments under	1 on individual taken.
Footwear	Safety boots in industrial situations is advisory, foot p comply with AS 2210, Occupational protective footwear - c care and use.	protection should Guide to selection,
Body Protection	Flame retardant antistatic protective clothing. Clean cloclothing should be worn, preferably with an apron. Cloth against chemicals should comply with AS 3765 Clothing for Hazardous Chemicals.	othing or protective ing for protection r Protection Against
Hygiene Measures	Always wash hands before smoking, eating or using the to contaminated clothing and other protective equipment before- re-using.	llet. Wash ore storing or

Section 9 - Physical and Chemical Properties

Form	Solid
Appearance	Colourless to brown, or yellow to white crystalline, volatile flakes. Oily appearance.
Odour	Unpleasant, characteristic, aromatic odour, similar to camphor; distinctive odour of mothballs or coal tar.
Melting Point	77-82 °C; >80 °C.
Boiling Point	218 °C (sublimes).
Solubility in Water	Almost insoluble (30 mg/l at 25 $^{\circ}$ C).
Solubility in Organic Solvents	Very soluble in benzene and chloroform; soluble in a wide variety of aromatic solvents, ethers, alcohols, carbon disulphide and chlorinated hydrocarbons. Very soluble in hydronaphthalenes, and in fixed and volatile oils.
Specific Gravity	1.162 g/cm³ at 20 °C.
Solubility in Fat	Very soluble in fixed and volatile oils.
Vapour Pressure	0.054 mmHg at 20 °C.
Relative Vapour Density (Air=1)	4.42
Evaporation Rate	<1.0 (BuAc=1).
Odour Threshold	Odour is perceptible at 0.3 to 0.9 ppm. Warning Properties: Good - TLV is more than 10 times the odour threshold. Eye irritation is noticeable at 15 ppm.
Partition Coefficient: n-octanol/water (log value)	Log P (o/w): 3.30; 3.01 - 3.59.
Flash Point	approx. 80 °C (OC); 80 °C (CC); 99 °C (CC).
Flammability	Flammable.



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Product Name	NAPHTHALENE			
	Classified as hazardous			
Auto-ignition Temperature	526 °C			
Flammable Limits - Lower	0.9 vol%			
Flammable Limits - Upper	5.9 vol%			
Explosion Properties	Under certain conditions, a dust cloud of this material can explode when ignited by a spark or flame.			
Molecular Weight	128.18			
Saturated Vapour Concentration	100 ppm at 25 °C.			
Other Information	Critical Temperature: 475.2 °C. Critical Pressure: 588 psi = 40.0 atm. Conversion Factor: 1 ppm = 5 mg/m³; 1 mg/m³ = 0.2 ppm at 25 °C.			
Section 10 - Stabil	ity and Reactivity			
Chemical Stability	Stable at room temperature in closed containers under normal storage and handling conditions.			
Possibility of Hazardous Reactions	Can react violently with strong oxidizing agents (e.g., chromic anhydride, fuming nitric acid, perchloric acid) and nitrogen oxides.			
Conditions to Avoid	Strong heating, sources of ignition (e.g., static charge, sparks), dust/vapour generation and incompatible materials.			
Incompatible Materials	Strong oxidizing agents (e.g., chromic anhydride, fuming nitric acid, perchloric acid), aluminium trichloride, benzoyl chloride, nitrogen oxides,			

Materialsperchloric acid), aluminium trichloride, benzoyl chloride, nitrogen oxide
and strong acids (e.g., sulfuric acid).HazardousToxic carbon monoxide and carbon dioxide.

Decomposition			
Products			
Hazardous	Will	not	occur.
Polymerization			

Section 11 - Toxicological Information

Ingestion Harmful if swallowed. Toxicity is most common following ingestion of large doses. Death has occurred after ingestion, but cessation of exposure and the use of blood transfusions have increased the survival rate. Nausea, vomiting, abdominal pain, diarrhoea, and anorexia may occur up to 48 hours following acute ingestion. Other effects reported include severe digestive tract irritation, tenesmus and gastrointestinal bleeding. In severe cases, ingestion caused gastroenteric distress. Acute intravascular haemolysis is the most characteristic sign. It begins on the 3rd day and is accompanied by anaemia, leukocytosis, fever, haemoglobinuria, jaundice, renal insufficiency, and sometimes, disturbances in liver function. Severe haemolytic anaemia is more common in infants and in patients with glucose-6-phosphate dehydrogenase (G-6-PD) deficiency, sickle cell anaemia, or sickle cell trait; haemolysis in normal individuals occurs only with exposure to very high levels. The renal, neurologic and liver effects may be secondary to the haemolytic anaemia. May cause methaemoglobinaemia, cyanosis, convulsions, and death. One case of aplastic anaemia has also been reported. In severe cases of ingestion, the bone marrow may appear hyperplastic and show an increased proportion of nucleated erythrocytes. Hypotension and shock are rare, but may occur in patients with severe toxicity. Facial flushing may occur. Anaemia may result in pallor. Hyperkalemia may occur following significant haemolysis. Hyperphosphatemia and mild hypocalcemia were reported in one case. Signs and symptoms of exposure may include diaphoresis, profuse perspiration and swelling of parotid glands. Other effects reported include liver injury. Hyperbilirubinaemia and fatal kernicterus may occur in newborns with significant haemolysis. Centrilobular necrosis occurred in one pediatric poisoning case. Hepatomegaly and jaundice are uncommon. Splenomegaly may occur. May cause renal effects. May produce irritation of the urinary bladder, with urgency, dysuria, and the passage of a dark brown, red or black urine with or without albumin and casts. Haematuria and oliguria have also been



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	noted. In severe cases, Naphthalene-induced haemolysis may cause haemoglobinuria, acute tubular necrosis and possible occlusion of the renal tubules, and altered renal functions. In the absence of adequate supportive treatment, death may result from acute renal failure in adults. The neurologic symptoms of naphthalene ingestion reported in human case studies include headache, confusion, changes in behaviour, altered sensorium, listlessness and lethargy, and vertigo. Muscle twitching, convulsions, decreased responses to painful stimuli, and coma occurred prior to death in individuals who ingested naphthalene. Seizures and coma have been rarely reported in patients and represent severe toxicity. At autopsy, the brain has appeared oedematous with separation of neural fibres and swelling of myelin sheaths being noted histologically. The neurologic symptomatology could result from the cerebral oedema, which was probably secondary to acute haemolysis. Signs and symptoms of exposure may include optic neuritis, conjunctivitis, and lenticular opacities in peripheral portions. Tachycardia and flow murmurs secondary to acute haemolytic anaemia have been reported. Dysrhythmias secondary to renal failure or haemolysis-induced hyperkalemia have been reported in cases of severe toxicity. Cardiovascular shock can occur in patients with severe haemolytic anaemia. Respiratory distress, respiratory failure, and pulmonary oedema have been reported infrequently. In severe cases of ingestion, death may ensue due to respiratory failure. Ingestion is not a typical route of occupational exposure. A mean lethal dose in non-sensitive adults has been estimated at about $5-15 \alpha$
Inhalation	Dust, fumes or vapour may be irritating to the nose, throat and respiratory tract. High vapour concentrations may cause headache, nausea, abdominal pain, dizziness, confusion, excitement, sometimes vomiting, and extensive sweating. Little information is available on the effects of inhaled naphthalene on human health. Effects may be similar to those for ingestion. Haemolytic anaemia (destruction of red blood cells) is the primary health concern for humans exposed to naphthalene for either short or long periods of time. Other effects commonly found include nausea, profuse perspiration, vomiting, diarrhoea, kidney damage, dysuria, hematuria, jaundice (yellowish skin and eyes) and liver damage. Optic neuritis (inflammation of the optic nerve) has been observed. Cataracts have also occurred. Two case studies have reported ocular effects (predominantly cataracts) in workers exposed to naphthalene. Inhalation was assumed to be the primary route of exposure. Exposure to naphthalene from large numbers of mothballs (300-500) has produced headache, nausea, malaise, confusion, vomiting, abdominal pain and kidney disease (effects not described) in several individuals.
Skin	Pure naphthalene may cause mild skin irritation. Crude, unrefined naphthalene may be moderately irritating. Some people may be hypersensitive to naphthalene and develop severe skin rash/dermatitis (itching, swelling, erythema) on contact. Lesions clear spontaneously, as soon as the exposure is terminated. The incidence of skin hypersensitivity does not appear to be widespread in the general population, based on the long history of use of naphthalene as a consumer product. This effect is largely confined to industrial exposure where coal tar contamination may be present. One case of exfoliative contact dermatitis has been reported. Danger of skin absorption. Health effects have been reported in infants through skin absorption of naphthalene, which may have been facilitated by applications of baby oil. Effects may be similar to those for ingestion.
Eye	Particles of naphthalene may cause reversible eye injury if they remain in prolonged contact with the eye. Eye contact with the solid material may result in conjunctivitis, superficial injury to the cornea, corneal clouding, and diminished visual acuity. Distinct eye irritation occurs at vapour concentrations above 15 ppm. It has been suggested that continued exposure at this level or higher may result in fairly serious eye effects. Very high exposures can damage the nerves of the eye. Toxicity by other routes of exposure may produce cataracts and optic neuritis.
Carcinogenicity	Naphthalene [91-20-3] is evaluated in the IARC Monographs (Vol. 82; 2002) as Group 2B: Possibly carcinogenic to humans.
Reproductive Toxicity	Evidence of reproductive effects. Suspected Developmental Toxicant (US EPA, Air Risk Information Support Center. Health Effects Notebook for Hazardous Air Pollutants; US EPA. Roadmaps to



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Product Name	NAPHTHALENE		
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	Sources of Information on Chemicals Listed in the Emergency Planning Community		
Chronic Effects	and Community Right-to-Know Act, Section 313 Toxic Release Inventory (for Microcomputers). (Report Number EPADFDK92040). 1991.) Chronic abuse of mothballs containing naphthalene and paradichlorobenzene was reported to cause peripheral neuropathy and chronic renal failure. Chronic inhalation can cause liver necrosis. Cases of eye injury, including rare cases of corneal ulceration and cataracts, have been reported as a result of long-term exposure by inhalation or ingestion. Ophthalmic effects from chronic exposure include optical neuritis, lens opacities (cataracts), and chorioretinitis. Chronic exposure may cause anaemia and other blood cell abnormalities. Prolonged or repeated skin contact may cause dermatitis		
Dalamad haalth	(itching, redness, scaling, weeping and crusting) and systemic poisoning.		
effects from exposure	can be latar to children if sucked of swallowed.		
Other Information	NICNAS Human Health Tier Assessment II for Naphthalene -		
Other match	https://www.nicnas.gov.au/chemical-information/imap-assessments/imap-assessment t-details?assessment_id=1701#cas-A_91-20-3		
Section 12 - Ecolo	gical Information		
Ecotoxicity	High concentrations are toxic to aquatic life. May cause long-term adverse effects in the aquatic environment. Hazard for drinking water supplies. The contamination of rivers and soil should be avoided even in small quantities. The product is not readily biodegradable.		
Persistence and Degradability	Biologic degradation: Hardly eliminable. In air, naphthalene rapidly degrades by reaction with photo chemically-produced hydroxyl radicals. In water, it undergoes volatilization photolysis, adsorption, and biodegradation. On soil, it is slightly adsorbed and also biodegraded.		
Mobility	Degradability: BOD 0 % from TOD /5 d; COD 22 % from TOD, TOD: 2.99 g/g. The mean Koc value of naphthalene in sediment samples from 2 ponds and 1 river from north Georgia, US was 1,300. The Koc of naphthalene in 5 different soils from Japan ranged from 440-830. The mean Koc value of naphthalene in 17 soils throughout the US was 871. According to a classification scheme, these Koc values suggest that naphthalene is expected to have moderate to low mobility in soil		
Bioaccumulative Potential	Behaviour in environmental compartments: BCF: >200. The BCF of naphthalene at a water concentration of 0.15 mg/l ranged from 36.5 to 168 in carp, over an 8 week exposure period. The BCF of naphthalene at a water concentration of 0.015 mg/l ranged from 23 to 146 in carp, over an 8 week exposure period. According to a classification scheme, these BCF values suggest the potential for bioconcentration in aquatic organisms is low to high.		
Environmental Protection	Do not allow to enter waters, waste water, or soil!		
Acute Toxicity - Fish	fish LC50: 0.12 mg/l /96 hr; LC50 (Sunfish): 4-5 mg/l /1 hr; LC50 (Mosquito fish): 150 mg/l /96 hr; LC50 Pimephales promelas (fathead minnow) 7.76 mg/l 24 hr; 6.35 mg/l 48 hr; 6.08 (5.74-6.44) mg/l 72 & 96 hr; LC50 Oncorhynchus gorbuscha (pink salmon) 1.4 mg/l /96 hr at 4 °C; 1.8 mg/l /96 hr at 8 °C; 1.2 mg/l /96 hr at 12 °C.		
Acute Toxicity - Algae	algae EC50: 33 mg/l /24 h.		
Acute Toxicity - Other Organisms	LC50 Pandalus goniurus (shrimp) 2.2 mg/l /96 hr at 4 °C; 1.02 mg/l /96 hr at 8 °C; 0.97 mg/l /96 hr at 12 °C; LC50 Parhyale hawaiensis (amphipod) 15 ppm/24 hr open bowl; 6.5 ppm/24 hr closed bottle.		

Section 13 - Disposal Considerations

Disposal	Whatever cannot be saved for recovery or recycling should be disposed of
Considerations	according to relevant local, state and federal government regulations.

Section 14 - Transport Information



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Section 15 - Regulatory Information	
Environmental Hazards	Highly toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment. Hazard for drinking water supplies.
IERG Number	20
EPG Number	4H1
Hazchem Code	12
ADG Packing Group	III
ADG Transport	4.1
ADG Proper Shipping Name	NAPHTHALENE, CRUDE
Transport Information ADG UN Number	Dangerous Goods of Class 4.1 Flammable Solids, are incompatible in a placard load with any of the following: - Class 1, Class 2.1, Class 4.2, Class 5 and Class 7 1334

Section 15 - Regulatory Information

RegulatoryListed in the Australian Inventory of Chemical Substances (AICS).InformationS6

Section 16 - Any Other Relevant Information

Literature References	'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia. National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.'. Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals'. Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand. Safe Work Australia, 'Hazardous Chemical Information System'. Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances'. Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment'.
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Empirical Formula & Structural Formula	С10-Н8

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