SDS ATTACHMENT

PLEASE ATTACH THIS COMPLETED SHEET TO THE SDS FOR:

PRODUCT:	SA-90	
SDS DATE:	9 November 2022	
<u>1. Supplier:</u>	Tradegear Ltd Level 1, 99 Clarence Street Riccarton, Christchurch 8011 New Zealand Phone: 0800 22 44 34 or +64 3 341 8055 Fax: 0800 22 11 51 or +64 9 522 8833 24 hr emergency contact: +64 21 510 622	Website: www.tradegear.co.nz Email: office@tradegear.co.nz
Emergency Information	: National Poison Centre:	0800 764 766 (0800 POISON)

2 & 15. Hazards Identification & Regulatory Requirements:

Product Name: Product Use:	SA-90 Industrial adhesive spray
Group Standard, Approval Number	Aerosols (Flammable) Group Standard 2020 - HSR002515 All ingredients are listed on the New Zealand Inventory of Chemicals (NZIoC)
GHS Classification: [Note: classification based on the CRC Industries SDS]	Aerosol Category 1 Eye irritation Category 2 Specific target organ toxicity - single exposure Category 3, narcotic effects
Hazard Statement and Precautions, including Class 9 statements where applicable: Danger	Extremely flammable aerosol. Pressurized container: May burst if heated. Causes serious eye irritation. May cause drowsiness or dizziness. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing mist/vapours. Use only outdoors or in a well-ventilated area. Protect from sunlight. Do not expose to temperatures exceeding 50°C.
Tolerable Exposure Limit or Environmental Exposure Limit:	None applied to this product of its ingredients.



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier Trade name or designation of the mixture	SA-90
Registration number	-
Synonyms	None.
Product code	UDS000848AE
Issue date	09-November-2022
Version number	1.0
Revision date	09-November-2022
1.2. Relevant identified uses of t	he substance or mixture and uses advised against
Identified uses	Adhesives
Uses advised against	None known.
1.3. Details of the supplier of the	e safety data sheet
Company name	CRC Industries UK Ltd.
Address	Wylds Road
	Castlefield Industrial Estate
	TA6 4DD Bridgwater Somerset
	United Kingdom
Telephone	+44 1278 727200
Fax	+44 1278 425644
E-mail	hse.uk@crcind.com
Website	www.crcind.com
Company name	CRC Industries Europe bv
Address	Touwslagerstraat 1
	9240 Zele
	Belgium
Telephone	+32(0)52/45.60.11
Fax	+32(0)52/45.00.34
E-mail	hse@crcind.com
Website	www.crcind.com
1.4 Emorgancy talanhana	Tel: (+44)(0)1278 72 7200 (office hours: 9-17h GMT)

1.4. Emergency telephone number

Tel.:(+44)(0)1278 72 7200 (office hours: 9-17h GMT)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

Physical hazards Aerosols	Category 1	H222 - Extremely flammable aerosol. H229 - Pressurized container: May burst if heated.
Health hazards Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye
		irritation.
Specific target organ toxicity - single exposure	Category 3 narcotic effects	H336 - May cause drowsiness or dizziness.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Contains:	•	acetone; propan-2-one; propanone
Hazard pictograms		\wedge



Signal word	Danger
Hazard statements	
H222 H229 H319 H336	Extremely flammable aerosol. Pressurized container: May burst if heated. Causes serious eye irritation. May cause drowsiness or dizziness.
Precautionary statements	
Prevention	
P102 P210 P211 P251 P261 P271	Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing dust/fume/gas/mist/vapours. Use only outdoors or in a well-ventilated area.
Response	Not available.
Storage P410 + P412 Disposal	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental label information	EUH066 - Repeated exposure may cause skin dryness or cracking.
2.3. Other hazards	This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
acetone; propan-2-one; propanone	10 - 30	67-64-1 200-662-2	01-2119471330-49	606-001-00-8	#
Classification:	Flam. Liq.	2;H225, Eye Irrit. 2;H	319, STOT SE 3;H336		

List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).

- ATE: Acute toxicity estimate.
- M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

SECTION 4: First ald meas	sures	
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.	
4.1. Description of first aid meas	sures	
Inhalation	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.	
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.	
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.	
Ingestion	In the unlikely event of swallowing contact a physician or poison control centre. Rinse mouth.	
4.2. Most important symptoms and effects, both acute and delayed	May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.	

Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards	Extremely flammable aerosol.
5.1. Extinguishing media Suitable extinguishing media	Alcohol resistant foam. Powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
5.2. Special hazards arising from the substance or mixture	Contents under pressure. Pressurised container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.
5.3. Advice for firefighters	
Special protective equipment for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Special fire fighting procedures	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protect	ctive equipment and emergency procedures
For non-emergency personnel	Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
For emergency responders	Keep unnecessary personnel away. Avoid breathing mist/vapours. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.
6.2. Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
6.3. Methods and material for containment and cleaning up	Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material.
	Large Spills: Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Scoop up used absorbent into drums or other appropriate container. Following product recovery, flush area with water.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use.
6.4. Reference to other sections	For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.
SECTION 7: Handling and	storage
7.1. Precautions for safe handling	Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Avoid breathing mist/vapours. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
7.2. Conditions for safe storage, including any incompatibilities	Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat, sparks and open flame. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS).

Storage class (TRGS 510): 2B (Aerosol dispensers and lighters)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

7.3. Specific end use(s)

Not available.

Occupational exposure limits

UK. EH40 Workplace Exposure Limits (WELs)

UK. EH40 Workplace Expose Components	Туре		Value	
acetone; propan-2-one; propanone (CAS 67-64-1)	STEL		3620 mg/m3	
			1500 ppm	
	TWA		1210 mg/m3	
			500 ppm	
Petroleum gases, liquefied; Petroleum gas [complex combination of	STEL		2180 mg/m3	
hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range				
of C3 through C7 and boiling in the range of approximat (CAS 68476-85-7)				
00470-00-77			1250 ppm	
	TWA		1750 mg/m3	
			1000 ppm	
logical limit values	e .	re limits noted for the	e ingredient(s).	
commended monitoring cedures	Follow standard mor	litoring procedures.		
rived no effect levels (DNELs)				
General population				
Components	Valu	е	Assessment factor	Notes
acetone; propan-2-one; propa	none (CAS 67-64-1)			
Long-term, Systemic, Der		ng/kg bw/day	20	
Long-term, Systemic, Inha Long-term, Systemic, Ora		mg/m3 ng/kg bw/day	5 2	
Workers	0211	ging bwiddy	L	
Components	Valu	Δ	Assessment factor	Notes
acetone; propan-2-one; propa		<u> </u>		Notoo
Long-term, Systemic, Der	,	mg/kg bw/day		
Long-term, Systemic, Inha) mg/m3		
Short-term, Local, Inhalat	on 2420) mg/m3		
dicted no effect concentratio	ns (PNECs)			
Components	Valu	e	Assessment factor	Notes
acetone; propan-2-one; propa	none (CAS 67-64-1)			
Freshwater		mg/l	50	
Marine water	1.06	mg/l		
		•	500	
Sediment (freshwater)	30.4	mg/kg	300	
	30.4 3.04	•	500	
Sediment (freshwater) Sediment (marine water)	30.4 3.04	mg/kg mg/kg mg/kg	10	
Sediment (freshwater) Sediment (marine water) Soil	30.4 3.04 29.5	mg/kg mg/kg mg/kg		
Sediment (freshwater) Sediment (marine water) Soil STP	30.4 3.04 29.5 100 Good general ventila applicable, use proce maintain airborne lev	mg/kg mg/kg mg/l ation should be used. ess enclosures, local /els below recommer	10 Ventilation rates should t exhaust ventilation, or ot	be matched to conditions. If her engineering controls to posure limits have not been e eyewash station.
Sediment (freshwater) Sediment (marine water) Soil STP . Exposure controls propriate engineering ntrols	30.4 3.04 29.5 100 Good general ventila applicable, use proce maintain airborne lev established, maintain	mg/kg mg/kg mg/l ation should be used. ess enclosures, local vels below recommer n airborne levels to a	10 Ventilation rates should t exhaust ventilation, or ot nded exposure limits. If ex	ner engineering controls to posure limits have not been
Sediment (freshwater) Sediment (marine water) Soil STP . Exposure controls propriate engineering	30.4 3.04 29.5 100 Good general ventila applicable, use proco maintain airborne lev established, maintair such as personal pro Use personal protect	mg/kg mg/kg mg/l ation should be used. ess enclosures, local /els below recommer n airborne levels to at otective equipment tive equipment as rec	10 Ventilation rates should t exhaust ventilation, or ot nded exposure limits. If ex n acceptable level. Provid quired. Personal protectio	ner engineering controls to posure limits have not been
Sediment (freshwater) Sediment (marine water) Soil STP Exposure controls propriate engineering ntrols	30.4 3.04 29.5 100 Good general ventila applicable, use proce maintain airborne lev established, maintain such as personal protec Use personal protect according to the CEN equipment.	mg/kg mg/kg mg/l ation should be used. ess enclosures, local /els below recommer n airborne levels to at otective equipment tive equipment as rec	10 Ventilation rates should t exhaust ventilation, or ot nded exposure limits. If ex n acceptable level. Provid quired. Personal protectio scussion with the supplie	ner engineering controls to posure limits have not been e eyewash station. n equipment should be chose

- Hand protection	When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Nitrile gloves are recommended. Suitable gloves can be recommended by the glove supplier.
- Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. Chemical respirator with organic vapour cartridge and full facepiece. (Filter type AX)
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Aerosol.
Colour	Colourless.
Odour	Solvent.
Odour threshold	Not available.
рН	Not applicable.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	40 °C (104 °F)
Flash point	-17.0 °C (1.4 °F)
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Explosive limit - lower (%)	Not available.
Explosive limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	0.71 g/cm3
Solubility(ies)	
Solubility (water)	Partly soluble in water
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
9.2. Other information	No relevant additional information available.
SECTION 10: Stability and	reactivity

10.1. Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Avoid high temperatures.
10.5. Incompatible materials	Strong oxidising agents.
10.6. Hazardous decomposition products	Carbon oxides.

SECTION 11: Toxicological information

General information	Occupational exposure to the substance or mixture may cause adverse effects.	
Information on likely routes of exposure		
Inhalation	May cause drowsiness or dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.	
Skin contact	Based on available data, the classification criteria are not met.	
Eye contact	Causes serious eye irritation.	
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.	
Symptoms	May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.	

11.1. Information on toxicological effects

Acute toxicity	Based on available data, the	classification criteria are not met.
Components	Species	Test Results
acetone; propan-2-one; propanone	e (CAS 67-64-1)	
<u>Acute</u>		
Dermal	D-t	15000
LD50	Rat	15800 mg/kg
Inhalation	D-t	
LC50	Rat	50.1 mg/l, 8 Hours
Oral	D-t	5000
LD50	Rat	5800 mg/kg
Skin corrosion/irritation	Based on available data, the classification criteria are not met.	
Serious eye damage/eye irritation	Causes serious eye irritation	
Respiratory sensitisation	Based on available data, the classification criteria are not met.	
Skin sensitisation	Based on available data, the classification criteria are not met.	
Germ cell mutagenicity	Based on available data, the classification criteria are not met.	
Carcinogenicity	Based on available data, the classification criteria are not met.	
Reproductive toxicity	Based on available data, the classification criteria are not met.	
Specific target organ toxicity - single exposure	May cause drowsiness or diz	ziness.
Specific target organ toxicity - repeated exposure	Based on available data, the	classification criteria are not met.
Aspiration hazard	Not likely, due to the form of the product.	
Mixture versus substance information	Not available.	
SECTION 12: Ecological in	nformation	
12.1. Toxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.	
12.2. Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.	
12.3. Bioaccumulative potential		
Partition coefficient n-octanol/water (log Kow)		

Bioconcentration factor (BCF)Not available.12.4. Mobility in soilNo data available.12.5. Results of PBT and vPvB
assessmentThis mixture does not contain substances assessed to be vPvB / PBT according to Regulation
(EC) No 1907/2006, Annex XIII.12.6. Other adverse effectsNo other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation
potential, endocrine disruption, global warming potential) are expected from this component.

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SECTION 13: Disposal considerations

acetone; propan-2-one; propanone

13.1. Waste treatment methods

Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number	UN1950
14.2. UN proper shipping	AEROSOLS, flammable
name	
14.3. Transport hazard class	(05)
-	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Hazard No. (ADR)	Not assigned.
Tunnel restriction code	•
ADR/RID - Classification	
code:	
	Netessimed
14.4. Packing group	Not assigned.
14.5. Environmental hazards	
14.6. Special precautions	Not assigned.
for user	
RID	
14.1. UN number	UN1950
14.2. UN proper shipping	AEROSOLS, flammable
name	
	(00)
14.3. Transport hazard class	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
14.4. Packing group	Not assigned.
14.5. Environmental hazards	No
14.6 Special pressutions	Not assigned.
14.0. Special precautions	
14.6. Special precautions for user	Not assigned.
	Not assigned.
for user ADN	-
for user ADN 14.1. UN number	UN1950
for user ADN 14.1. UN number 14.2. UN proper shipping	-
for user ADN 14.1. UN number 14.2. UN proper shipping name	UN1950 AEROSOLS, flammable
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class	UN1950 AEROSOLS, flammable (es)
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class	UN1950 AEROSOLS, flammable
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class	UN1950 AEROSOLS, flammable (es)
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class	UN1950 AEROSOLS, flammable (es)
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk	UN1950 AEROSOLS, flammable (es) 2.1
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned.
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned. No
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned.
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned. No
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user IATA	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned. No Not assigned.
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user IATA 14.1. UN number	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned. No Not assigned. UN1950
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user IATA 14.1. UN number 14.2. UN proper shipping	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned. No Not assigned.
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user IATA 14.1. UN number 14.2. UN proper shipping name	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned. No Not assigned. UN1950 Aerosols, flammable
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user IATA 14.1. UN number 14.2. UN proper shipping	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned. No Not assigned. UN1950 Aerosols, flammable
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user IATA 14.1. UN number 14.2. UN proper shipping name	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned. No Not assigned. UN1950 Aerosols, flammable
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for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user IATA 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned. No Not assigned. UN1950 Aerosols, flammable (es) 2.1
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user IATA 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk 14.4. Packing group	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned. No Not assigned. UN1950 Aerosols, flammable (es) 2.1 - Not assigned.
for user ADN 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk Label(s) 14.4. Packing group 14.5. Environmental hazards 14.6. Special precautions for user IATA 14.1. UN number 14.2. UN proper shipping name 14.3. Transport hazard class Class Subsidiary risk	UN1950 AEROSOLS, flammable (es) 2.1 - 2.1 Not assigned. No Not assigned. UN1950 Aerosols, flammable (es) 2.1 - Not assigned.

14.6. Special precautions for user	Not assigned.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
IMDG	
14.1. UN number	UN1950
14.2. UN proper shipping name	Aerosols, flammable
14.3. Transport hazard class	(es)
Class	2.1
Subsidiary risk	-
14.4. Packing group	Not assigned.
14.5. Environmental hazards	
Marine pollutant	No
EmS	F-D, S-U
14.6. Special precautions for user	Not assigned.
14.7. Transport in bulk	Not established.
according to Annex II of	
MARPOL 73/78 and the IBC Code	
ADN; ADR; IATA; IMDG; RID	



SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Retained direct EU regulations

- Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended Not listed.
- Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended Not listed.
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended Not listed.
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended Not listed.
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended Not listed.
- Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.
- Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended acetone; propan-2-one; propanone (CAS 67-64-1)

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended acetone; propan-2-one; propanone (CAS 67-64-1)

Petroleum gases, liquefied; Petroleum gas [complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximat (CAS 68476-85-7)

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

acetone; propan-2-one; propanone (CAS 67-64-1)

Petroleum gases, liquefied; Petroleum gas [complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C3 through C7 and boiling in the range of approximat (CAS 68476-85-7)

Other regulations

Not available.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

	ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways.
	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road. ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP). CAS: Chemical Abstract Service.
	Ceiling: Short Term Exposure Limit Ceiling value.
	CEN: European Committee for Standardization. CLP: Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification,
	labeling and packaging of substances and mixtures. GWP: Global Warming Potential.
	IATA: International Air Transport Association.
	IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
	IMDG: International Maritime Dangerous Goods.
	MAK: Threshold limit values Germany (Maximale Arbeitsplatzkonzentration - DFG). MARPOL: International Convention for the Prevention of Pollution from Ships.
	PBT: Persistent, bioaccumulative and toxic.
	REACH: Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals).
	RID: Regulations concerning the international carriage of dangerous goods by rail (Règlement International concernant le transport de marchandises dangereuses par chemin de fer). RID: Regulations concerning the International Carriage of Dangerous Goods by Rail. STEL: Short term exposure limit.
	TLV: Threshold Limit Value.
	TWA: Time Weighted Average.
	VOC: Volatile organic compounds.
	vPvB: Very persistent and very bioaccumulative. STEL: Short-term Exposure Limit.
References	Not available.
Information on evaluation	Not available.
method leading to the classification of mixture	
Full text of any statements, which are not written out in full	
under sections 2 to 15	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. EUH066 Repeated exposure may cause skin dryness or cracking.
Revision information	None.
Training information	Note:

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