

This safety data sheet meets the requirements of:
 Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Date of issue 2019-10-15

Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE MANUFACTURER

1.1. Product identification

Product code S9920
 Product name SCREEN 99 CLEANER CO

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Cleaners - Precision
 Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier Intronics B.V
 P.O. box 123, 3770 AC Barneveld
 the Netherlands

For more information, please contact:

Technical support: +31 34 24 07 050

1.4 Emergency contact:

CRC Industries Europe, Belgium: Tel .: +32 (0) 52 / 45.60.11 (office hours)
 the Netherlands: National poisoning information center: 030 274 88 88
 (Only for professional emergency workers)
 Belgium: Poison Center: 070 - 245 245

Section 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Physical: Aerosols, category 1
 Extremely flammable aerosol.
 Pressurised container: May burst if heated.
 Classification is based on test data.
Health: Skin irritation, category 2
 Causes skin irritation.
 Eye irritation, category 2
 Causes serious eye irritation.
Environment: Not classified
 Classification based on calculation method.

2.2. Label elements**Hazard pictogram(s):**

Signal word:	Danger
Hazard statement(s):	H222 : Extremely flammable aerosol. H229 : Pressurised container: May burst if heated. H319 : Causes serious eye irritation.
Precautionary statement(s):	P102 : Keep out of reach of children. P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 : Do not spray on an open flame or other ignition source. P251 : Do not pierce or burn, even after use. P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Supplemental Hazard information:	Contains: 1,2-benzisothiazol-3(2H)-one May produce an allergic reaction.

Regulation (EC) No 648/2004 on detergents: aliphatic hydrocarbons 5 - 15 %
 perfumes limonene
 benzisothiazolinone, benzoic acid

No health or environmental hazardous components in concentrations exceeding the limits for classification.

2.3. Other hazards

no information available

Section 3: COMPOSITION AND INFORMATION ON INGREDIENTS

3.1 Substances / 3.2 Mixtures

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
propan-2-ol; isopropyl alcohol ;isopropanol	01-2119457558-25	67-63-0	200-661-7	5-10	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225,H319,H336	B
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	01-2119485926-20	68512-91-4	270-990-9	5-10	Press. Gas, Flam. Gas 1	H280,H220	K,G
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	01-2119475514-35	-	(921-024-6)	1-5	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2	H225,H315,H336,H304,H411	B,Q
1-methoxy-2-propanol; monopropylene glycol methyl ether	01-2119457435-35	107-98-2	203-539-1	1-5	Flam. Liq. 3, STOT SE 3	H226,H336	A
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	01-2119490061-47	-	(931-292-6)	<0.1	Eye Dam. 1, Acute Tox. 4, Skin Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2	H318,H302,H315,H400,H411	Q
sodium salt of an alkyl ether sulfate ²	01-2119488639-16	-	500-234-8 (NLP)	<0.1	Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3	H315,H318,H412	X
Phosphoric acid, isononyl ester	01-2119982386-24	84988-61-4	284-851-5	<0.1	Skin Corr. 1C	H314	
Sulfonic acids, C14-17-sec-alkane, sodium salts	01-2119489924-20	97489-15-1	307-055-2	<0.1	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3	H302,H315,H318,H412	
Disodium metasilicate anhydrous	01-2119449811-37	6834-92-0	229-912-9	<0.1	Met. Corr. 1, Skin Corr. 1B, Eye Dam. 1, STOT SE 3	H290,H314,H335	
1,2-benzisothiazol-3(2H)-one	-	2634-33-5	220-120-9	<0.05	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1	H302,H315,H318,H317,H400	X

Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

G : exempted from the obligation to register in accordance with art.2(7)of REACH Regulation No 1907/2006

K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)

Q : The CAS-no is only an indicative identifier to be used outside the EU for global inventory entries.

X : SCL (specific concentration limit)in accordance with art.10 of CLP Regulation No 1272/2008

(* Explanation phrases : see chapter 16)

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

Contact with eyes : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Contact with skin : Take off contaminated clothing and wash before reuse.
IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/attention.

Inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion : If swallowed accidentally, do not induce vomiting and seek medical advice

4.2. Most important acute and delayed symptoms and effects

Inhalation : Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness

Ingestion : May cause gastrointestinal disturbances
Symptoms : sore throat, abdominal pain, nausea, vomiting

Skin contact : May cause irritation.
Symptoms : redness and pain

Eye contact : Irritating to eyes
Symptoms : redness and pain

4.3. Indication of the requirement for immediate medical attention and special treatment

General Advice If you feel unwell, seek medical advice (show the label where possible If symptoms persist always call a doctor.

Section 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing material

Suitable extinguishing material foam, carbon dioxide or dry agent
Do not use water jet extinguishing media, due to the risk of spreading fire.

5.2. Special hazards arising from the substance or mixture

Aerosols may explode if heated above 50°C Forms hazardous decomposition products CO,CO2

5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water
In case of fire, do not breathe fumes

Section 6: MEASURES FOR THE ACCIDENTAL RELEASE OF THE SUBSTANCE

6.1. Personal precautions, protective equipment, and emergency procedures

Shut off all ignition sources
Ensure adequate ventilation
Wear suitable protective clothing and gloves.

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material

Place in appropriate container

6.4. Reference to other sections

For further information see section 8

Section 7: HANDLING AND STORAGE**7.1. Precautions for safe handling of the substance or mixture**

Keep away from heat and sources of ignition

Take precautionary measures against static discharges

Equipment should be earthed

Use explosion-proof electrical/ventilating/lighting/.../equipment.

Use only non-sparking tools.

Do not breathe aerosols or vapours.

Ensure adequate ventilation

Avoid contact with skin and eyes.

Wash thoroughly after use

Wear protective gloves/protective clothing/eye protection/face protection.

Eyewash bottles should be available

7.2. Conditions for safe storage, including incompatible products

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.

Keep out of reach of children.

7.3. Specific end use

Cleaners - Precision

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1. Control parameters**

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	TWA	100 ppm
		STEL	150 ppm
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
National established exposure limits, United Kingdom			
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	TWA	100 ppm
		STEL	150 ppm
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm

8.2. Measures to control exposure**Control procedures**

Ensure adequate ventilation

Keep away from heat and sources of ignition

Take precautionary measures against static discharges

Personal protection Take precautions to avoid contact with skin and eyes when handling the product.
Ensure adequate ventilation
Wear suitable protective gloves

Inhalation In case of insufficient ventilation, wear suitable respiratory equipment.

recommended respiratory protection: Air purifying respirator equipped with organic gas/vapor cartridge (type AX)
hands and skin 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.

Recommended gloves Nitrile

eyes Wear safety eyewear according to EN 166.

Environmental protection Avoid release to the environment.
Collect spillage.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information about basic physical and chemical properties

(for aerosols data for the product without propellant)

Appearance : Propane/butane propelled liquid.
colour : Colourless
odour : Citrus
pH : 8-9.5
Boiling point/range : Not available
Flash point : < 0 °C (Closed Cup)
Evaporation rate : Not available.
Explosion limits : Not available.
lower limit : Not available.
Vapour pressure : Not available.
Relative density : 1.0 g/cm³ (@ 20°C)
Solubility in water : Soluble in water
Auto-ignition : > 200 °C
Viscosity : Not applicable

9.2. Other information

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

Stable

10.3. Possible hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4. Conditions to avoid

Avoid overheating

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO2

Section 11: TOXICOLOGICAL INFORMATION
11.1. Information on toxicological effects

acute toxicity:	based on available data the classification criteria are not met
skin corrosion/irritation:	based on available data the classification criteria are not met
serious eye damage/irritation:	Causes serious eye irritation
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
toxicity for reproduction:	based on available data the classification criteria are not met
STOT-single exposure:	based on available data the classification criteria are not met
STOT repeated exposure:	based on available data the classification criteria are not met
aspiration hazard:	based on available data the classification criteria are not met

Information on likely routes of exposure:

Inhalation :	Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :	May cause gastrointestinal disturbances
Skin contact :	May cause irritation.
Eye contact :	Irritating to eyes

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	LD50 oral rat	4016 mg/kg
		LC50 inhal.rat	27596 mg/l
		LD50 derm.rabit	2000 mg/kg
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	LD50 oral rat	5840 mg/kg
		LC50 inhal.rat	> 25000 mg/l
		LD50 derm.rabit	13900 mg/kg
Disodium metasilicate anhydrous	6834-92-0	LD50 oral rat	300-2000 mg/kg
		LC50 inhal.rat	1-5 mg/l
		LD50 derm.rat	>2000 mg/kg
Hydrocarbons, C6-C7, n-alkanes,isoalkanes,cyclics,< 5% n-hexane	-	LD50 oral rat	> 5000 mg/kg
		LC50 inhal.rat	> 25000 mg/m3
		LD50 derm.rat	> 2000 mg/kg
Amines, C12-14 (even numbered)- alkylidimethyl, N-oxides	-	LD50 oral rat	1064 mg/kg

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Not classified

Hazardous ingredient	CAS-nr.	method	
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	LC50 fish	6812 mg/l
		EC50 daphnia	23300 mg/l
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	IC50 algae	1000 mg/l
		LC50 fish	9640 mg/l
		EC50 daphnia	9714 mg/l
Disodium metasilicate anhydrous	6834-92-0	IC50 algae	207 mg/l
		LC50 fish	210 mg/l
		EC50 daphnia	1700 mg/l
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	-	LC50 fish	> 10 mg/l
		EC50 daphnia	3 mg/l
Amines, C12-14 (even numbered)- alkyldimethyl, N-oxides	-	IC50 algae	0.143 mg/l
		LC50 fish	2.67 mg/l
		EC50 daphnia	3.1 mg/l

12.2. Persistence and degradability

No experimental data available

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC)No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulation

No information available.

12.4. Mobility in the soil

Soluble in water

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other harmful effects

No experimental data available

Section 13: DISPOSAL INSTRUCTIONS

13.1. Waste treatment methods

Product : This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.

National regulations : Disposal should be in accordance with local, state or national legislation

Section 14: INFORMATION REGARDING TRANSPORT

14.1 UN / ID No	UN-number : 1950
14.2 Proper shipping name	AEROSOLS
14.3 Hazards class	Class: 2.1
	ADR/RID - Classification code: 5F
14.4 Packing group	Not applicable.
14.5 Harmful to the environment	ADR/RID - Environmentally hazardous: No
Marine pollution	IMDG : No IATA/ICAO - Environmentally hazardous: No
14.6 Special Provisions	ADR/RID - Tunnelcode: (D) IMDG - Ems: F-D, S-U IATA/ICAO - PAX: 203 IATA/ICAO - CAO 203
14.7 Transport in bulk in accordance with Annex II to MARPOL 73/78 and the IBC code	No information available

Section 15: REGULATION

15.1. Specific safety, health and environmental regulations and legislation for the substance or mixture

European Union

The Safety Data Sheet is compiled according to the current European requirements.

Regulation (EC) No 1907/2006 (REACH)

Regulation (EC) No 1272/2008 (CLP)

Dir. 2013/10/EU, 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.

15.2. Chemical safety assessment

Chemical safety assessment No information available

Section 16: OTHER INFORMATION

An explanatory list of abbreviations and acronyms used in the safety data sheet

*Explanation hazard statements:	H220 : Extremely flammable gas.
	H225 : Highly flammable liquid and vapour.
	H226 : Flammable liquid and vapour.
	H280 : Contains gas under pressure; may explode if heated.
	H290 : May be corrosive to metals.
	H302 : Harmful if swallowed.
	H304 : May be fatal if swallowed and enters airways.
	H314 : Causes severe skin burns and eye damage.
	H315 : Causes skin irritation.
	H317 : May cause an allergic skin reaction.
	H318 : Causes serious eye damage.
	H319 : Causes serious eye irritation.
	H335 : May cause respiratory irritation.
	H336 : May cause drowsiness or dizziness.
	H400 : Very toxic to aquatic life.

H411 : Toxic to aquatic life with long lasting effects.
H412 : Harmful to aquatic life with long lasting effects.

REVISIONS IN CHAPTRE : 8.2. Exposure controls

acronyms and synonyms: TWA = time weight average
STEL = short time exposure limit
VOC = volatile organic compounds
PBT = persistant bioaccumulative toxic
vPvB = very persitant very bioaccumulative

Date of issue 2019-10-15

Revision date Not applicable.

Reason for revision: Not applicable.

This safety data sheet is in accordance with the requirements of Regulation (EC) 1907/2006

Disclaimer

The information in this SDS is prepared to the best of our ability and reflects the state of knowledge at the time of publication. The data is presented as a guideline for the safe handling, use, storage, transport, and disposal of the substance, and cannot be regarded as a guarantee certificate or quality specification. The information given relates to the substance as such and may no longer be valid when the substance is used together with other substances or in processes.

End of the safety data sheet

Intronics BV
Shardene Brink, *compliance officer*



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SIGNATURE