

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 1 of 13

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

1.1. Product identifier

SANIT Essigreiniger

UFI: XV6V-EYNW-VG07-WTU7

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

Use of the substance/mixture

Cleaning agent, acidic. Washing and cleaning products (including solvent based products)

1.3. Details of the supplier of the safety data sheet

Company name:	SANIT-Chemie	
	Reinigungsmittel und -geräte GmbH	
Street:	Dieselstr. 38	
Place:	D-74211 Leingarten	
Telephone:	+49 7131 902100	Telefax: +49 7131 404360
E-mail:	info@sanit-chemie.de	
Contact person:	Produktmanagement	Telephone: 07131 90210-20
Internet:	www.sanit-chemie.de	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Eye Dam. 1; H318

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Fatty alcohol ethoxilate

Acetic acid ... %

Sulfonic acids, C13-17-sec-alkane, sodium salts

Signal word: Danger

Pictograms:



Hazard statements

H318 Causes serious eye damage.

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.

2.3. Other hazards

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 2 of 13

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.
Endocrine-disrupting potential: not listed.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name	Quantity
	EC No	Index No
	REACH No	
	Classification (GB CLP Regulation)	
	Fatty alcohol ethoxilate	5 - < 10 %
		02-2119552461-55
	Acute Tox. 4, Eye Dam. 1; H302 H318	
64-19-7	Acetic acid ... %	5 - < 10 %
	200-580-7	607-002-00-6
	01-2119475328-30	
	Flam. Liq. 3, Skin Corr. 1A; H226 H314	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	1 - < 5 %
	200-661-7	603-117-00-0
	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	
97489-15-1	Sulfonic acids, C13-17-sec-alkane, sodium salts	1 - < 5 %
	307-055-2	01-2119489924-20
	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412	

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
		Fatty alcohol ethoxilate	5 - < 10 %
		oral: LD50 = 500 - 2000 mg/kg	
64-19-7	200-580-7	Acetic acid ... %	5 - < 10 %
		oral: LD50 = 3310 mg/kg Skin Corr. 1A; H314: >= 90 - 100 Skin Corr. 1B; H314: >= 25 - < 90 Skin Irrit. 2; H315: >= 10 - < 25 Eye Irrit. 2; H319: >= 10 - < 25	
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	1 - < 5 %
		dermal: LD50 = 12800 mg/kg; oral: LD50 = 5050 mg/kg	
97489-15-1	307-055-2	Sulfonic acids, C13-17-sec-alkane, sodium salts	1 - < 5 %
		dermal: LD50 = >2000 mg/kg; oral: LD50 = >500 mg/kg Eye Dam. 1; H318: >= 15 - 100 Eye Irrit. 2; H319: >= 10 - < 15	

Labelling for contents according to Regulation (EC) No 648/2004

5 % - < 15 % non-ionic surfactants, < 5 % anionic surfactants, perfumes (Limonene).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, saturated clothing immediately.

After inhalation

Provide fresh air. Move victim to fresh air. Put victim at rest and keep warm.

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 3 of 13

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink 1 glass of water. Rinse mouth immediately and drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings. Water. Foam. Extinguishing powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Non-flammable. In case of fire may be liberated: Carbon dioxide (CO₂). Sulfur oxides.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Keep away from unprotected people. Keep upwind. High slip hazard because of leaking or spilled product.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains. Treat the recovered material as prescribed in the section on waste disposal.

6.3. Methods and material for containment and cleaning up

For cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. Clean contaminated articles and floor according to the environmental legislation.

6.4. Reference to other sections

Safe handling: see section 7

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 4 of 13

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Keep container tightly closed in a cool, well-ventilated place.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff. Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

Cleaning agent, acidic. Washing and cleaning products (including solvent based products)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	WEL
		20	50		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 5 of 13

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
Worker DNEL, long-term		inhalation	systemic	500 mg/m³
Worker DNEL, acute		inhalation	systemic	1000 mg/m³
Worker DNEL, long-term		dermal	systemic	888 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	89 mg/m³
Consumer DNEL, acute		inhalation	systemic	178 mg/m³
Consumer DNEL, long-term		dermal	systemic	319 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	26 mg/kg bw/day
Consumer DNEL, acute		oral	systemic	51 mg/kg bw/day
97489-15-1	Sulfonic acids, C13-17-sec-alkane, sodium salts			
Worker DNEL, acute		dermal	local	2,8 mg/cm²
Worker DNEL, long-term		dermal	systemic	5 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	35 mg/m³
Worker DNEL, long-term		dermal	local	2,8 mg/cm²
Consumer DNEL, acute		dermal	local	2,8 mg/cm²
Consumer DNEL, long-term		dermal	systemic	3,57 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	12,4 mg/m³
Consumer DNEL, long-term		oral	systemic	7,1 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	2,8 mg/cm²

PNEC values

CAS No	Substance	
Environmental compartment	Value	
97489-15-1	Sulfonic acids, C13-17-sec-alkane, sodium salts	
Freshwater	0,04 mg/l	
Freshwater (intermittent releases)	0,06 mg/l	
Marine water	0,004 mg/l	
Freshwater sediment	9,4 mg/kg	
Marine sediment	0,94 mg/kg	
Micro-organisms in sewage treatment plants (STP)	600 mg/l	
Soil	9,4 mg/kg	

8.2. Exposure controls



Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray. Protect skin by using skin protective cream.

Individual protection measures, such as personal protective equipment

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 6 of 13

Eye/face protection

Suitable eye protection: goggles.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Tested protective gloves are to be worn: NBR (Nitrile rubber). Thickness of glove material: 0,11 mm penetration time (maximum wearing period): 8h

Skin protection

Use of protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Full-/half-/quarter-face masks (DIN EN 136/140) ABEK-P1

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	green
Odour:	characteristic
Melting point/freezing point:	-10 °C
Boiling point or initial boiling point and boiling range:	100 °C
Flammability:	not determined
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH-Value (at 20 °C):	4,1
Viscosity / kinematic:	not determined
Water solubility:	completely miscible
Solubility in other solvents	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density:	1,01 g/cm³
Relative vapour density:	not determined
Particle characteristics:	not applicable

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

The product is not: Explosive.

Oxidizing properties

The product is not: oxidising.

Other safety characteristics

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 7 of 13

Evaporation rate:	not determined
Solid content:	not determined
Viscosity / dynamic:	not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Oxidizing agents, strong.

10.5. Incompatible materials

Säureempfindliche Materialien, z.B. Kalkstein, Marmor, Zink ...

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Toxicokinetics, metabolism and distribution

No data available

Acute toxicity

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) 4702 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Fatty alcohol ethoxilate				
	oral	LD50 500 - 2000 mg/kg	Rat		
64-19-7	Acetic acid ... %				
	oral	LD50 3310 mg/kg	Rat	GESTIS	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 5050 mg/kg	rat		
	dermal	LD50 12800 mg/kg	rat		
97489-15-1	Sulfonic acids, C13-17-sec-alkane, sodium salts				
	oral	LD50 >500 mg/kg	Rat	ECHA	OECD 401
	dermal	LD50 >2000 mg/kg	Maus	ECHA	

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 8 of 13

Irritation and corrosivity

Causes serious eye damage.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

no danger of sensitization.

Carcinogenic/mutagenic/toxic effects 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.

11.2. Information on other hazards**Endocrine disrupting properties**

information on endocrine-disrupting properties on human health is not available.

Other information

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Further information

Has degreasing effect on the skin.

SECTION 12: Ecological information**12.1. Toxicity**

Based on available data, the classification criteria are not met.

No data available

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 9 of 13

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
	Fatty alcohol ethoxilate					
	Acute fish toxicity	LC50 1-10 mg/l	96 h	Leuciscus idus (golden orfe)		
64-19-7	Acetic acid ... %					
	Acute crustacea toxicity	EC50 65 mg/l	48 h	Daphnia magna	Janssen et al	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50 9640 mg/l	96 h	Pimephales promelas	ECHA	OECD 203
	Acute crustacea toxicity	EC50 >9714 mg/l	48 h	Daphnia Magna	ECHA	OECD 202
	Fish toxicity	NOEC >1000 mg/l		Danio rerio	ECHA	REACH Guidance on QSARs R.6
	Crustacea toxicity	NOEC >1000 mg/l	21 d	Daphnia magna	ECHA	REACH Guidance on QSARs R.6
97489-15-1	Sulfonic acids, C13-17-sec-alkane, sodium salts					
	Acute fish toxicity	LC50 >1 mg/l	96 h	Danio rerio		OECD 203
	Acute algae toxicity	ErC50 >61 mg/l	72 h	Desmodesmus subspicatus (Grünalge)		OECD 201
	Acute crustacea toxicity	EC50 9,81 mg/l	48 h	Daphnia magna		OECD 202
	Fish toxicity	NOEC 0,85 mg/l	28 d	Oncorhynchus mykiss (Regenbogenforelle)		OECD 204
	Crustacea toxicity	NOEC 0,36 mg/l	22 d	Daphnia magna (Großer Wasserfloh)		OECD 202 - semistatischer Test
	Acute bacteria toxicity	(EC50 95,5 mg/l)				

12.2. Persistence and degradability

Biologically degradable according to the Washing- and Cleaning Agents Act (WRMG German Law).

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
97489-15-1	Sulfonic acids, C13-17-sec-alkane, sodium salts			
	OECD-Prüfrichtlinie 301E	89%	28	
	leicht abbaubar			
	OECD- Prüfrichtlinie 301 B	78%	28	
	leicht abbaubar			
	OECD 303A	96,2%	34	
	leicht abbaubar			

12.3. Bioaccumulative potential

The product has not been tested.

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 10 of 13

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-19-7	Acetic acid ... %	-0,17
97489-15-1	Sulfonic acids, C13-17-sec-alkane, sodium salts	0,2

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

200130 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents other than those mentioned in 20 01 29

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name:

No dangerous good in sense of these transport regulations.

14.6. Special precautions for user

No information available.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

2010/75/EU (VOC): 9,15 % (92,415 g/l)

2004/42/EC (VOC): 12,405 % (125,291 g/l)

Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 11 of 13

Regulation (EC) No. 648/2004 (Detergents regulation). To follow: 850/2004/EC , 79/117/EEC , 689/2008/EC

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D):

1 - slightly hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2,4,6,7,8,9,11,12,15,16.

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 12 of 13

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
RID: Regulations concerning the international carriage of dangerous goods by rail
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
VOC: Volatile Organic Compounds
SVHC: Substance of Very High Concern
For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).
Flam. Liq: Flammable liquids
Acute Tox: Acute toxicity
Skin Corr: Skin corrosion
Skin Irrit: Skin irritation
Eye Dam: Eye damage
Eye Irrit: Eye irritation
STOT SE: Specific target organ toxicity - single exposure
Aquatic Chronic: Chronic aquatic hazard

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Eye Dam. 1; H318	Calculation method

Relevant H and EUH statements (number and full text)

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.

Safety Data Sheet

according to UK REACH Regulation

SANIT Essigreiniger

Revision date: 23.08.2023

Product code: 5550543

Page 13 of 13

H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)