



Safety Data Sheet Activa Indy

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II – EU

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

Date issued	28.11.2019
Revision date	28.11.2019

1.1. Product identifier

Product name	ACTIVA INDY
Article no.	33023,33025,33027
Extended SDS with ES incorporated	Yes

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

Use of the substance / preparati	Alkaline cleaner.
Relevant identified uses	SU22 Professional uses: publicly accessible (administration, education, entertainment, services, craftsmen) PC35 Washing and cleaning products (including solvent based products) PROC8a Transfer of substance or mixture (charging and discharging) at nondedicated facilities PROC10 Roller application or brushing PROC11 Non-industrial spraying ERC8A Wide dispersive indoor use of processing aids in open systems
Industrial use	No
Professional use	Yes
Consumer use	No

1.3. Details of the supplier of the safety data sheet

Company name	Hygienteknik Sverige AB
Office address	Långängsvägen 2
Postal address	Långängsvägen 2
Postcode	721 32
City	Västerås

Country	Sweden
Telephone number	+46 (0)21-498 41 00
Email	info@hygienteknik.se
Website	www.hygienteknik.se
Contact person	Jonas Hildingsson

1.4. Emergency telephone number

Emergency telephone	<p>Telephone number: Tel: +46 10-456 67 00 (Mon-Fri, 9 –17)</p> <p>Description: Swedish Poisons Information Centre/ Giftinformationscentralen (mon-fri 9-17)</p> <p>Telephone number: 112</p> <p>Description: SOS Alarm</p>
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP / GHS]	<p>Eye Dam. 1; H318</p> <p>Skin Corr. 1C; H314</p>
CLP classification, comments	<ul style="list-style-type: none"> The full text for all hazard statements is displayed in section 16.
Substance / mixture hazardous properties	<p>REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (3.2.3.3.4.2) For mixtures containing strong acids or bases the pH shall be used as a classification criterion (see paragraph 3.2.3.1.2) since pH is a better indicator of corrosion than the concentration limits of Table 3.2.3.</p>

2.2. Label elements

Hazard pictograms (CLP)



Composition on the label	Sodium metasilicate, Isotridecanol, ethoxylated, Alcohol ethoxylate, Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride
Signal word	Danger
Hazard statements	H314 Causes severe skin burns and eye damage.
Precautionary statements	<p>P280 Wear protective gloves / protective clothing / eye protection / face protection. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower. 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 or doctor / physician.</p>

2.3. Other hazards

PBT / vPvB

This product does not contain any PBT or vPvB substances.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Composition type	Mixture			
Formulation type	SL Soluble concentrate			
Substance	Identification	Classification	Contents	Notes
Sodium metasilicate	CAS No.: 10213-79-3 EC No.: 229-912-9 REACH Reg. No.: 01-2119449811-37-0000	Met. Corr. 1; H290 Skin Corr 1B; H314 STOT SE3; H335	1 ≤ 3 %	1 pH adjuster
Isotridecanol, ethoxylated	CAS No.: 69011-36-5 EC No.: 931-138-8 REACH Reg. No.: Not relevant (polymer)	Eye Dam. 1; H318 Aquatic Chronic 3; H412	1 ≤ 5 %	1 pH adjuster
Alcohol ethoxylate	CAS No.: 68439-46-3 EC No.: 931-514-1	Eye Irrit. 2; H319	1 ≤ 5 %	1 Wetting agent
Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride	CAS No.: 1554325-20-0	Acute tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318	1 ≤ 5 %	1 pH adjuster

¹Substance classified with a health or environmental hazard

Description of the mixture	Content according to (EC) nr 648/2004 on detergents. Non-ionic surfactants <5%, Cationic surfactants <5 %, Phosphates <5 %,
Substance comments	The full text for all hazard statements is displayed in section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Swedish Poisons Information Centre (Giftinformationscentralen) telephone: 010-4566700 (mon-fri 9.00-17.00). SOS Alarm: Telephone: 112 (In case of emergency poisoning, 24 h service).
Inhalation	Fresh air. Get medical attention if any discomfort continues.
Skin contact	Wash skin with soap and water. Get medical attention if any discomfort continues.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Continue flushing during transport to hospital. Bring these instructions.
Ingestion	Rinse mouth with water. Drink a few glasses of water or milk. DO NOT induce vomiting. Get medical attention immediately.

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

Acute symptoms and effects	IF IN EYES: Corrosive. Causes severe burns and serious eye damage.
Delayed symptoms and effects	IF IN EYES: Corrosive. Causes severe burns and serious eye damage.

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

Other information

Notes to the physician: Treat Symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Improper extinguishing media

Avoid water in straight hose stream; will scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards

This product is not flammable.

Hazardous combustion products

Fire or high temperatures create: Carbon monoxide (CO). Carbon dioxide (CO₂). Nitrous gases (NO_x).

5.3. Advice for firefighters

Other information

Not classified as flammable under current regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures

For personal protection, see section 8.

6.2. Environmental precautions

Environmental precautionary measures

Prevent discharge of larger quantity to drain. Contain spillages with sand, earth or any suitable absorbent material.

6.3. Methods and material for containment and cleaning up

Clean up

Absorb in vermiculite, dry sand or earth and place into containers. Collect spill in tightly closed containers and dispose of in accordance with local regulations. Spola rent området med mycket vatten. Var uppmärksam på halkrisken. Små mängder spolas bort med mycket vatten.

6.4. Reference to other sections

Other instructions

See section 1 in this Safety Data Sheet – Emergency telephone number.
See section 8 in this Safety Data Sheet – Exposure controls/personal protection.
See section 13 in this Safety Data Sheet – Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling

Follow instructions and ensure correct dilution of this product before use.

Protective safety measures

Advice on general occupational hygiene

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage

Store in closed original container at temperatures between 5°C and 30°C. Keep out of reach of children.

7.3. Specific end use(s)

Specific use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Control parameters comments

No limit values known.

DNEL/PNEC

Substance

Sodium metasilicate

DNEL

Group: Worker

Route of exposure: Long term (repeated) – Inhalation – Local effect

Value: 6,22 mg/m³

Group: Worker

Route of exposure: Long term (repeated) – Dermal – Systemic effect

Value: 1,49 mg/kg bw/day

PNEC

Route of exposure: Freshwater

Value: 7,5 mg/l

Route of exposure: Saltwater

Value: 1 mg/l

Route of exposure: Sewage treatment plant STP

Value: 1000 mg/l

Route of exposure: Sediment

Value: Saknas

Route of exposure: Soil

Value: Saknas

8.2. Exposure controls

Safety signs



Precautionary measures to prevent exposure

Technical measures to prevent exposure

Provide eyewash, quick drench. Provide access to washing facilities incl. soap,

skin cleanser and fatty cream. Well-ventilated area.

Eye / face protection

Suitable eye protection Use approved safety goggles or face shield.

Hand protection

Skin- / hand protection, short term contact Wear protective gloves.

Skin- / hand protection, long term contact Wear protective gloves.

Suitable materials Polyvinyl chloride (PVC). Nitrile. Neoprene.

Unsuitable materials Polyvinyl alcohol (PVA).

Breakthrough time
 Value: > 360 minute(s)
 Comments: PVC – 0,45 mm
 Value: > 360 minute(s)
 Comments: Nitril – 0,28 mm
 Value: > 480 minute(s)
 Comments: Neoprene – 0,46 mm

Skin protection

Skin protection remark Wearsuitable protective clothing as protection against splashing or contamination.

Respiratory protection

Respiratory protection necessary at In case of inadequate ventilation wear respiratory protection.

Additional respiratory protection measures Well-ventilated area.

Respiratory protection, comments Dust filter P2 (for fine dust). Dust filter P3 (for especially fine dust / powder). Change filters frequently. Consult instructions before use.

Hygiene / environmental

Specific hygiene measures Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Fluid.

Colour Tan.

Odour Slight odour.

Odour limit Comments: Data lacking.

	Reason for waiving data: Cannot be determined.
pH	Status: In delivery state Value: ~ 13,1 Temperature: 20 °C Status: In aqueous solution Value: ~ 11,5 Test reference: 1% Temperature: 20 °C
Freezing point	
Boiling point / boiling range	Value: ~ 0 °C
Flash point	Value: ~ 100 °C
Evaporation rate	Value: > 100 °C Comments: Water-based product.
Flammability (solid, gas)	Comments: Data lacking. Reason for waiving data: Cannot be determined.
Explosion limit	Not relevant.
Vapour pressure	Comments: Not explosive.
Vapour density	Value: < 3 kPa Temperature: 20 °C Comments: Data lacking.
Relative density	Reason for waiving data: Cannot be determined.
Density	Value: ~ 1,065 Temperature: 20 °C
Solubility	Value: ~ 1,065 g/cm ³ Temperature: 20 °C
Partition coefficient: n-octanol/water	Comments: Soluble in water. Value: < 3
Spontaneous combustability	Comments: Log Pow (Estimated value with starting point from raw materials)
Decomposition temperature	Comments: Ej självantändlig.
Viscosity	Comments: Data lacking. Reason for waiving data: Cannot be determined.
Oxidising properties	Comments: Thin fluid Does not meet the criteria for oxidising.

9.2. Other information

Other physical and chemical properties

Comments Miscibility: Fully miscible with water.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under normal temperature conditions and recommended use.

10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Stable under normal temperature conditions and recommended use.
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10.4. Conditions to avoid

Conditions to avoid	Avoid contact with acids and oxidising substances.
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10.5. Incompatible materials

Materials to avoid	No information.
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10.6. Hazardous decomposition products

Hazardous decomposition products	In case of fire, toxic gases (CO, CO ₂ , NO _x) may be formed.
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Other information

Other information	Do not mix with other detergents or chemicals.
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SECTION 11: Toxicological information**11.1. Information on toxicological effects****Other information regarding health hazards**

Acute toxicity, mixture estimate	Dose: LD ₅₀ Route of exposure: Oral Value: > 2000 mg/kg Comments: Rat (Estimated value)
Assessment of acute toxicity, classification	Not classified based on available information.
Assessment of skin corrosion / irritation, classification	Skin Corr 1C. H314 Causes severe skin burns and eye damage.
Assessment of eye damage or irritation, classification	Eye Dam 1. H318 Causes serious eye damage.
Assessment of respiratory sensitisation, classification	Not classified based on available information.
Assessment of skin sensitisation, classification	Not classified based on available information.
Assessment of germ cell mutagenicity, classification	Not classified based on available information.
Assessment of carcinogenicity, classification	Not classified based on available information.
Assessment of reproductive toxicity, classification	Not classified based on available information.

Assessment of specific target organ toxicity – single exposure, classification Not classified based on available information.

Assessment of specific target organ toxicity – repeated exposure, classification Not classified based on available information.

Assessment of aspiration hazard, classification Not classified based on available information.

SECTION 12: Ecological information

12.1. Toxicity

Substance Sodium metasilicate

Aquatic toxicity, fish

Value: 210 mg/l
Test duration: 96 h
Species: Brachydanio rerio
Method: LC50

Substance Isotridecanol, ethoxylated

Aquatic toxicity, fish

Value: > 1 – 10 mg/l
Test duration: 96 h
Species: Cyprinus carpio
Method: EC50

Substance Alcohol ethoxylate

Aquatic toxicity, fish

Value: > 1 – 10 mg/l
Test duration: 96 h
Species: Oncorhynchus mykiss
Method: LC50

Substance Quaternary C12–14 alkyl methyl amine ethoxylate methyl chloride

Aquatic toxicity, fish

Value: > 10 – 100 mg/l
Test duration: 96 h
Species: Fisk

Substance Isotridecanol, ethoxylated

Aquatic toxicity, algae

Value: > 1 – 10 mg/l
Test duration: 72 h
Species: Desmodesmus subspicatus
Method: EC50

Substance Alcohol ethoxylate

Aquatic toxicity, algae

Value: > 1 – 10 mg/l
Test duration: 72 h
Species: Skeletonema costatum
Method: EC50

Substance Quaternary C12–14 alkyl methyl amine ethoxylate methyl chloride

Aquatic toxicity, algae

Value: > 1 – 10 mg/l
Test duration: 72 h

Substance	Sodium metasilicate
Aquatic toxicity, crustacean	Value: 1700 mg/kg Test duration: 48 h Species: Daphnia magna Method: EC50
Substance	Isotridecanol,ethoxylated
Aquatic toxicity, crustacean	Value: > 1 – 10 mg/l Test duration: 48h Species: Daphnia magna Method: EC50
Substance	Alcohol ethoxylate
Aquatic toxicity, crustacean	Value: > 1 – 10 mg/l Test duration: 48 h Species: Daphnia magna Method: EC50
Substance	Quaternary C12–14 alkyl methyl amine ethoxylate methyl chloride
Aquatic toxicity, crustacean	Value: > 1 – 10 mg/l Test duration: 48 h Species: Daphnia magna Method: EC50

12.2. Persistence and degradability

Persistence and degradability description/evaluation	Surfactants complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.
Substance	Alcohol ethoxylate
Biodegradability	Value: > 60 % Method: OECD test 301D
Substance	Quaternary C12–14 alkyl methyl amine ethoxylate methyl chloride
Biodegradability	Value: > 60 % Method: OECD 301D

12.3. Bioaccumulative potential

Bioaccumulation, comments	Bioaccumulation: Is not expected to be bioaccumulable.
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12.4. Mobility in soil

Mobility	The product is water soluble and may spread in water systems.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This product does not contain any PBT or vPvB substances.
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12.6. Other adverse effects

Additional ecological information	The product is not classified as dangerous for the environment. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

EWC waste code	EWC waste code: 200129 detergents containing dangerous substances Classified as hazardous waste: Yes
EWL packing	EWC waste code: 150102 plastic packaging Classified as hazardous waste: No
Other information	The packaging should be collected for reuse. The packaging must be empty (drop-free, when inverted). Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

SECTION 14: Transport information

Dangerous goods	Yes
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14.1. UN number

ADR/RID/ADN	1760
IMDG	1760
ICAO/IATA	1760

14.2. UN proper shipping name

Proper shipping name English ADR/RID/ADN	CORROSIVE LIQUID, N.O.S.
ADR/RID/ADN	CORROSIVE LIQUID, N.O.S.
Technical name/danger releasing substance ADR/RID/ADN	DINATRIUMMETASILIKATLÖSNUNG
IMDG	CORROSIVE LIQUID, N.O.S.
ICAO/IATA	CORROSIVE LIQUID, N.O.S.

14.3. Transport hazard class(es)

ADR/RID/ADN	8
Classification code ADR/RID/ADN	C9
IMDG	8
ICAO/IATA	8

14.4. Packing group

ADR/RID/ADN	III
IMDG	III
ICAO/IATA	III

14.5. Environmental hazards

ADR/RID/ADN	No recommendation given.
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14.6. Special precautions for user

Special safety precautions for user Not relevant.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Transport in bulk (yes/no)	No
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Additional information

Hazard label ADR/RID/ADN	8
Hazard label IMDG	8
Hazard label ICAO/IATA	8

ADR/RID Other information

Tunnel restriction code	E
Limited quantity	≤5 litre (inner packaging) and maximum 30 kg per package
Transport category	3
Hazard No.	80
Other applicable information ADR/ RID	80

IMDG Other information

EmS	F–A, S–B
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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

Biocides	No
Nanomaterial	No
Legislation and regulations	REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on detergents. EC 1907/2006 – REACH REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures, amending and repealing. SFS 2011:927 – Avfallsförordningen. (Swedish Work Environment Authority) AFS 2018:1 – Hygieniskagränsvärden. (Swedish Work Environment Authority)

15.2. Chemical safety assessment

Chemical safety assessment performed	No
Exposure scenarios for mixture	Yes
Exposure scenario comments	SUMI's are attached to this safety data sheet. More information about SUMI: s see point 16.

SECTION 16: Other information

Supplier's notes	The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.
List of relevant H-phrases (Section 2 and 3)	<p>H290 May be corrosive to metals.</p> <p>H302 Harmful if swallowed.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H315 Causes skin irritation.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H335 May cause respiratory irritation.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>
Recommended restrictions on use	Do not handle until all safety precautions have been read and understood.
Information added, deleted or revised	Change to Sections: First issue
Last update date	28.11.2019
Version	1
Validated by	Admin
Comments	SUMI – Safe Use of Mixtures Information – The "Safe Use of Mixtures Information – SUMI" (previously called "Generic Exposure Information from Substances – GEIS"), is a tool which offers companies supplying to the industrial and professional cleaning industry a standardized way to communicate Operational Conditions and Risk Management Measures (OC/RMM). These conditions in the SUMI refer to a typical use of the product and they depend on the application rather than on its chemical composition. The format and the language of the SUMIs are intentionally simple and clear. The target audience is people who use these products and may not have deep chemical knowledge and are not familiar with the REACH jargon used in Exposure Scenarios (ES). More information https://www.aise.eu/our-activities/regulatory-context/reach/safe-use-information-for-end-users.aspx
Contents or index of annexed ES	1, AISE_SUMI_PW_8a_1_G.pdf 2, AISE_SUMI_PW_10_2_G.pdf 3, AISE_SUMI_PW_11_3_G.pdf
Exposure scenario	<p> AISE_SUMI_PW_8a_1_G.pdf</p> <p> AISE_SUMI_PW_10_2_G.pdf</p> <p> AISE_SUMI_PW_11_3_G.pdf</p>