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

- · 1.1 Product identifier
- · Trade name: Acetone, for GC residue analysis
- · Article number: AC0308
- · CAS Number:
- 67-64-1
- **EC number:** 200-662-2
- Index number: 606-001-00-8
- · Registration number 01-2119471330-49-XXXX
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- · Application of the substance / the preparation: Laboratory reagent
- · 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Scharlab, S.L. C/Gato Pérez, 33. Pol.Ind. Mas d'en Cisa 08181 Sentmenat (Barcelona) SPAIN Tel: (+34) 93 745 64 00 - FAX: (+34) 93 715 27 65 email: scharlab@scharlab.com Internet Web Site: www.scharlab.com Regional representation: Scharlab, S.L. C/Gato Pérez, 33. Pol.Ind. Mas d'en Cisa 08181 Sentmenat (Barcelona) SPAIN Tel: (+34) 93 745 64 00 - FAX: (+34) 93 715 27 65 email: scharlab@scharlab.com

Internet Web Site: www.scharlab.com

- · Further information obtainable from: technical department
- **1.4 Emergency telephone number:** Please contact the regional Scharlab distributor/dealer in your country During normal opening times: Scharlab, S.L. (+34) 93 715 18 11

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
 Classification according to Regulation (EC) No 1272/2008



Flam. Liq. 2 H225 Highly flammable liquid and vapour.

GHS07

- Eye Irrit. 2 H319 Causes serious eye irritation. STOT SE 3 H336 May cause drowsiness or dizziness.
- · 2.2 Label elements
- Labelling according to Regulation (EC) No 1272/2008

The substance is classified and labelled according to the CLP regulation.

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SECTION 3: Composition/information on ingredients

- · 3.1 Chemical characterisation: Substances
- · CAS No. Description
- 67-64-1 acetone
- · Identification number(s)
- EC number: 200-662-2
- Index number: 606-001-00-8

SECTION 4: First aid measures

· 4.1 Description of first aid measures

- General information: Seek medical treatment.
- After inhalation:
- Take affected persons into fresh air and keep quiet.

Separate casualty from the danger zone. Place the affected in the most comfortable position and protéjasele cold.

In severe cases such as cardiorespiratory arrest, artificial respiration techniques such as mouth-tomouth resuscitation, cardiac massage, oxygen supply, etc. will be applied. Call a doctor immediately.

· After skin contact:

Immediately remove contaminated clothing.

Immediately wash with water and soap and rinse thoroughly. Wash contaminated clothing before reuse.

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After eye contact:

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Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. In the event that the injured person wears contact lenses, they must be removed as long as they are not stuck to the eyes, otherwise additional damage could occur. Seek immediate medical advice. After swallowing: Rinse out mouth and then drink plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting; call for medical help immediately. 4.2 Most important symptoms and effects, both acute and delayed Dizziness Nausea Unconsciousness 4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically. SECTION 5: Firefighting measures 5.1 Extinguishing media Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. · For safety reasons unsuitable extinguishing agents: Water with full jet 5.2 Special hazards arising from the substance or mixture Highly flammable liquid and vapor. Can form explosive gas-air mixtures. During heating or in case of fire poisonous gases are produced. Fire may cause evolution of: Carbon monoxide (CO) Carbon dioxide (CO2) 5.3 Advice for firefighters · Protective equipment: Cool exposed containers with water spray or mist. In the work of extinction it is necessary to provide respiratory protection and full chemical protective clothing. Wear self-contained respiratory protective device. Wear fully protective suit. Additional information Collect contaminated fire fighting water separately. It must not enter the sewage system. **SECTION 6: Accidental release measures** 6.1 Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. 6.2 Environmental precautions: Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water. 6.3 Methods and material for containment and cleaning up: Dilute with plenty water. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. (Contd. on page 4)

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Trade name: Acetone, for GC residue analysis

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling No special precautions are necessary if used correctly. Ensure good ventilation/exhaustion at the workplace. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air). Wear an individual protective equipment. Wear chemically sealed goggles and / or face shield. Avoid contact with eyes and skin. Avoid breathing mist/vapours/spray. Do not eat, drink or smoke during use. Wash hands after any manipulation. Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Use explosion-proof apparatus / fittings and spark-proof tools. 7.2 Conditions for safe storage, including any incompatibilities · Storage: Requirements to be met by storerooms and receptacles: Store in a cool, dry, well-ventilated place. Store only in unopened original receptacles. Information about storage in one common storage facility: Store away from oxidising agents. Further information about storage conditions: Keep container tightly sealed. Store under lock and key and with access restricted to technical experts or their assistants only. Store in cool, dry conditions in well sealed receptacles. · 7.3 Specific end use(s) No further relevant information available. **SECTION 8: Exposure controls/personal protection** · 8.1 Control parameters · Additional information about design of technical facilities: No further data; see item 7. Ingredients with limit values that require monitoring at the workplace: 67-64-1 acetone WEL Short-term value: 3620 mg/m³, 1500 ppm Long-term value: 1210 mg/m³, 500 ppm DNELs DNEL worker, acute. Local effects: Inhalative - 2420 mg/m3 DNEL worker, cronic. Systematic effects: Dermic - 186 mg/kg body weight DNEL worker, cronic. Systematic effects: Inhalative - 1210 mg/m3 DNEL consumer, prolonged. Systematic effects: - Inhalative: 200 mg/m3 - Dermic: 62 mg/kg body weight - Oral: 62 mg/kg body weight **PNECs** PNEC (Fresh water): 10.6 mg/L PNEC (Sea water): 1.06 mg/L PNEC (Freshwater sediments): 30.4 mg/kg PNEC (Seawater sediments): 3.04 mg/kg PNEC (Soil): 29.5 mg/kg PNEC (Residual water depuration system): 100 mg/kg · Additional information: The lists valid during the making were used as basis. (Contd. on page 5)

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Trade name: Acetone, for GC residue analysis

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8.2 Exposure controls					
Personal protective equipment:					
General protective and hygienic measurements	ures:				
Keep away from foodstuffs, beverages an	id reed.				
Wash hands before breaks and at the end	d of work.				
Avoid contact with the eyes.					
Avoid contact with the eyes and skin.					
• Respiratory protection: Not required.					
The glove material has to be imperme	 Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the 				
preparation. Due to missing tests no recommendation	on to the glove material can be given for the product/ the				
preparation/ the chemical mixture.					
Selection of the glove material on consideration of the penetration times, rates of diffusion and the					
· Material of gloves					
The selection of the suitable gloves does	not only depend on the material, but also on further marks				
of quality and varies from manufacturer to	of quality and varies from manufacturer to manufacturer.				
Penetration time of glove material					
has to be observed	The exact break through time has to be found out by the manufacturer of the protective gloves and				
· Eye protection:					
Tightly sealed goggles					
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	- Nite				
SECTION 9: Physical and chemi	cal properties				
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SECTION 9: Physical and chemi 9.1 Information on basic physical and o General Information Appearance: Form: Colour: Odour: Odour: Odour: Odour threshold: pH-value: Change in condition Melting point/freezing point: Initial boiling point and boiling range	cal properties chemical properties Fluid Colourless Fruit-like 13 ppm Not determined. -94.7 °C 2: 55.8-56.6 °C -20 °C				
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SECTION 9: Physical and chemi • 9.1 Information on basic physical and o • General Information • Appearance: Form: Colour: • Odour: • Odour: • Odour threshold: • pH-value: • Change in condition Melting point/freezing point: Initial boiling point and boiling range • Flash point: • Flammability (solid, gas): • Ignition temperature: • Decomposition temperature:	cal properties chemical properties Fluid Colourless Fruit-like 13 ppm Not determined. -94.7 °C -20 °C Not applicable. 465 °C 235 °C				
SECTION 9: Physical and chemi 9.1 Information on basic physical and o General Information Appearance: Form: Colour: Odour: Odour threshold: pH-value: Change in condition Melting point/freezing point: Initial boiling point and boiling range Flash point: Flammability (solid, gas): Ignition temperature: Decomposition temperature: Auto-ignition temperature:	cal properties chemical properties Fluid Colourless Fruit-like 13 ppm Not determined. -94.7 °C 55.8-56.6 °C -20 °C Not applicable. 465 °C 235 °C Not determined.				
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SECTION 9: Physical and chemi 9.1 Information on basic physical and e General Information Appearance: Form: Colour: Odour: Odour threshold: pH-value: Change in condition Melting point/freezing point: Initial boiling point and boiling range Flash point: Flash point: Flammability (solid, gas): Jecomposition temperature: Decomposition temperature: Auto-ignition temperature: Explosive properties:	cal properties chemical properties Fluid Colourless Fruit-like 13 ppm Not determined. -94.7 °C 255.8-56.6 °C -20 °C Not applicable. 465 °C 235 °C Not determined. Product is not explosive. However, formation of explosive air/vapour mixtures are possible.				
SECTION 9: Physical and chemi 9.1 Information on basic physical and o General Information Appearance: Form: Colour: Odour: Odour threshold: pH-value: Change in condition Melting point/freezing point: Initial boiling point and boiling range Flash point: Flammability (solid, gas): Ignition temperature: Decomposition temperature: Auto-ignition temperature: Explosive properties:	cal properties chemical properties Fluid Colourless Fruit-like 13 ppm Not determined. -94.7 °C e: 55.8-56.6 °C -20 °C Not applicable. 465 °C 235 °C Not determined. Product is not explosive. However, formation of explosive air/vapour mixtures are possible.				

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Trade name: Acetone, for GC residue analysis

Upper:

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- Vapour pressure at 20 °C:
- · Density at 20 °C:
- · Relative density
- · Vapour density
- · Evaporation rate
- Solubility in / Miscibility with water:
- · Partition coefficient: n-octanol/water:
- · Viscosity: Dynamic at 20 °C: **Kinematic:**

13 Vol % 233 hPa

0.79 g/cm³ Not determined. Not determined. Not determined.

Fully miscible.

Not determined.

32 mPas Not determined.

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under normal conditions. If used according to the regulation no decomposition occurs. 10.2 Chemical stability

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions Toxic fumes may be released if heated above the decomposition point.
- · 10.4 Conditions to avoid Heat, open flames and sparks Exposure to light
- 10.5 Incompatible materials: Strong oxidizing agents. Strong acids Bases

Reacts violently with phosphorus oxychloride.

Peroxides

Various plastics

· 10.6 Hazardous decomposition products: Carbon oxides

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

LD50 5800 mg/kg (rat) Oral

Dermal LD50 >15800 mg/kg (rabbit)

Inhalative LC50/4 h 76 mg/l (rat)

- · Primary irritant effect: · Skin corrosion/irritation Skin - Rabbit
- Mild skin irritation 24h (Draize Test) Serious eye damage/irritation
- Eyes Rabbit

Eye irritation - 24h (Draize Test) Risk of corneal clouding.

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Trade name: Acetone, for GC residue analysis (Contd. of page 6) Causes serious eye irritation. · Respiratory or skin sensitisation Maximisation test - Guinea pig Result: negative (ECHA) Chronic exposure may cause dermatitis. · Additional toxicological information: · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction) Germ cell mutagenicity Mutagenicity (mammal cell test): chromosome aberration. Chinese hamster ovary cells. **Result:** negative Ames test Salmonella typhimurium Result: negative In vitro mammalian cell gene mutation test. Mouse lymphoma test Result: negative Carcinogenicity IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by (IARC) International Agency of Research of Carcinogens. Reproductive toxicity Based on available data, the classification criteria are not met. STOT-single exposure Acute oral toxicity - Stomach/intestial disorders, risk of aspiration upon vomiting, pulmonary failure possible after aspiration of vomit. Acute inhalation toxicity - mucosal irritations May cause drowsiness or dizziness. · 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. **SECTION 12: Ecological information** 12.1 Toxicity Aquatic toxicity: Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 6210 mg/L - 96 h (OECD Test Guideline 203) Toxicity to daphnia and other aquatic invertebrates LC50 - Daphnia pulex (Water flea) - 8800 mg/L - 48h Remarks: (ECHA) Toxicity to algae NOEC - M. aeruginosa - 530 mg/L - 8d (DIN38412) Remarks: (maximum permissible toxic concentration)(IUCLID) Toxicity to bacteria EC50 - Activated sludge - 61,15 mg/L - 30 min (OECD Test Guideline 209) 12.2 Persistence and degradability Aerobic - Exposure time: 28 d Result: 91 % - Readily biodegradable (OECD Test Guideline 301B) Biochemical Oxygen Demand (BOD) - 1850 mg/g Remarks: (IUCLID) Chemical Oxygen Demand (COD) - 2070 mg/g Remarks: (IUCLID) Theoretical oxygen demand - 2200 mg/g Remarks: (Literature)

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Trade name: Acetone, for GC residue analysis

• **12.3 Bioaccumulative potential** Log Pow: -0.24 (20°C) Bioconcentration factor (BCF): 3

Due to the distribution coefficient n-octanol/water an accumulation in organisms is not expected.

- **12.4 Mobility in soil** Log Koc: 0.17 (20°C) Very mobile
- · Additional ecological information:
- · General notes:

Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- vPvB: Not applicable.
- 12.6 Other adverse effects

Additional ecological information

Hazard for drinking water supplies.

Discharge into the environment must be avoided.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

- Recommendation

Must be specially treated adhering to official regulations.

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· Uncleaned packaging:

· Recommendation:

Packagings that may not be cleansed are to be disposed of in the same manner as the product. Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

· Recommended cleansing agents: Water, if necessary together with cleansing agents.



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14.5 Environmental bazarda:		(Contd. of page 8)
• Marine pollutant:	No	
 14.6 Special precautions for user 	Warning: Flammable liquids.	
 Hazard identification number (Kemler code): 	33	
· EMS Number:	F-E,S-D	
· Stowage Category	E	
14.7 Transport in bulk according to Annex II		
of Marpol and the IBC Code	Not applicable.	
· Transport/Additional information:		
ADR		
· Limited quantities (LQ)	1L	
Transport category	2	
Tunnel restriction code	D/E	
· UN "Model Regulation":	UN 1090 ACETONE, 3, II	

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU
- Named dangerous substances ANNEX I -
- · Seveso category P5c FLAMMABLE LIQUIDS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 5000 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 50000 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 40
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II

Substance is not listed.

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

- · Department issuing SDS: product safety department
- Contact: msds@scharlab.com
- Abbreviations and acronyms:
- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- ICAO: International Civil Aviation Organisation
- ADR: Accord relatif au transport international 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 Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society)

- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative

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Flam. Liq. 2: Flammable liquids – Category 2 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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Trade name: Acetone, for GC residue analysis

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Annex: Exposure scenario 1

- · 1 Short title of the exposure scenario Industrial use
- · Sector of Use
- SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Process category** PROC15 Use as laboratory reagent
- PROC19 Manual activities involving hand contact
- · Environmental release category
- ERC4 Use of non-reactive processing aid at industrial site (no inclusion into or onto article)
 Description of the activities / processes covered in the Exposure Scenario
 See section 1 of the annex to the Safety Data Sheet.
- · 2 Conditions of use
- *Duration and frequency* 8hrs (full working shift). Emission days (days/year): 360
- · Environment

The product may not be released into the environment without control. Outdoor use

- Indoor use
- Physical parameters
- Physical state Fluid
- · Concentration of the substance in the mixture Raw material.
- Used amount per time or activity 641 tons per year
- Other operational conditions
- Other operational conditions affecting environmental exposure Observe section 6 of the Safety Data Sheet (Accidental release measures).
- Other operational conditions affecting worker exposure
- Avoid contact with eyes.

Take precautionary measures against static discharge.

- Keep away from sources of ignition No smoking.
- Risk management measures
- Worker protection
- Organisational protective measures No special measures required.
- Technical protective measures
 Provide explosion-proof electrical equipment.
 Ensure that suitable extractors are available on processing machines
- Personal protective measures
- Avoid contact with the skin.

Take care of good cleanliness and tidiness.

Do not inhale gases / fumes / aerosols.

- Avoid contact with the eyes.
- Tightly sealed goggles

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- · Measures for consumer protection Ensure adequate labelling.
- Environmental protection measures
- · Air No special measures required.
- Water No special measures required.
- · Soil No special measures required.

Disposal measures

Disposal must be made according to official regulations.

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Trade name: Acetone, for GC residue analysis

Ensure that waste is collected and contained.

· Disposal procedures

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- · Waste type Partially emptied and uncleaned packaging
- · 3 Exposure estimation
- · Worker (oral) No significant oral exposure
- · Worker (dermal) No significant dermal exposure
- · Worker (inhalation) No significant inhalative exposure
- **4 Guidance for downstream users** Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.

Whether the downstream user uses the substance / the mixture within the scope of the Exposure Scenario can be determined by means of a technical assessment.

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For the risk assessment, the tools recommended by ECHA can be used.

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Trade name: Acetone, for GC residue analysis

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Annex: Exposure scenario 2

- · 1 Short title of the exposure scenario Laboratory use
- · Sector of Use

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

- **Process category** PROC15 Use as laboratory reagent
 - PROC19 Manual activities involving hand contact
- · Environmental release category
- ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) • Description of the activities / processes covered in the Exposure Scenario
- See section 1 of the annex to the Safety Data Sheet.
- · 2 Conditions of use
- · Duration and frequency
- 8hrs (full working shift). Emission days (days/year): 360
- · Environment
 - The product may not be released into the environment without control. Outdoor use
- Indoor use
- Physical parameters

The data on the physical - chemical properties in the Exposure Scenario is based on the properties of the preparation.

- Physical state Fluid
- · Concentration of the substance in the mixture Raw material.
- Used amount per time or activity 641 tons per year

Cleaning and maintenance: Limit the substance content 25 %

- Cleaning and maintenance: Maximum 4 hours
- Other operational conditions
- · Other operational conditions affecting environmental exposure
- Observe section 6 of the Safety Data Sheet (Accidental release measures).
- · Other operational conditions affecting worker exposure
- Avoid contact with eyes.

Take precautionary measures against static discharge. Keep away from sources of ignition - No smoking.

- · Risk management measures
- · Worker protection
- · Organisational protective measures

Ensure good ventilation. This can be achieved by using a local exhaustion or general exhaust system. If these measures are insufficient to keep the solvent vapour concentration below the workplace limit, wear an adequate respiratory protective device.

No special measures required.

Technical protective measures

Provide explosion-proof electrical equipment.

Ensure that suitable extractors are available on processing machines

- · Personal protective measures
- Avoid contact with the skin.

Take care of good cleanliness and tidiness.

Do not inhale gases / fumes / aerosols.

- Avoid contact with the eyes.
- Tightly sealed goggles

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

(Contd. on page 14)

according to 1907/2006/EC, Article 31

Printing date 25.07.2022

Scharlau

Version number 12.0

Revision: 25.07.2022

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Trade name: Acetone, for GC residue analysis

(Contd. of page 13) Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- · Measures for consumer protection Ensure adequate labelling.
- · Environmental protection measures
- · Air No special measures required.
- Water No special measures required.
- · Soil No special measures required.
- · Disposal measures
- Disposal must be made according to official regulations. Ensure that waste is collected and contained.
- **Disposal procedures** Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- · Waste type Partially emptied and uncleaned packaging
- · 3 Exposure estimation

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- · Worker (oral) No significant oral exposure
- · Worker (dermal) No significant dermal exposure
- · Worker (inhalation) No significant inhalative exposure
- · Consumer Not relevant for this Exposure Scenario.
- 4 Guidance for downstream users

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Whether the downstream user acts within the scope of the Exposure Scenario can be verified based on the information in sections 1 to 8.

Whether the downstream user uses the substance / the mixture within the scope of the Exposure Scenario can be determined by means of a technical assessment.

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For the risk assessment, the tools recommended by ECHA can be used.

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