

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 07.06.2021

Version number 2.0

Revision: 02.06.2021

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** Carbon disulfide, for analysis, ExpertQ®, ACS, Reag. Ph Eur**Article number:** SU0171**CAS Number:**

75-15-0

**EC number:**

200-843-6

**Index number:**

006-003-00-3

**Registration number** 01-2119543707-33-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.

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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**

GHS02 flame

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



GHS08 health hazard

Repr. 2 H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

STOT RE 1 H372 Causes damage to the central nervous system, the kidneys and the cardiovascular system through prolonged or repeated exposure.



GHS07

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Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2 H319 Causes serious eye irritation.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008**

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

**Hazard pictograms**

GHS02



GHS07



GHS08

**Signal word** Danger**Hazard statements**

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.

H372 Causes damage to the central nervous system, the kidneys and the cardiovascular system through prolonged or repeated exposure.

**Precautionary statements**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or 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.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards****Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients****3.1 Chemical characterisation: Substances****CAS No. Description**

75-15-0 carbon disulphide

**Identification number(s)**

**EC number:** 200-843-6

**Index number:** 006-003-00-3

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Take affected persons out of danger area and lay down.

Seek immediate medical advice.

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- **After inhalation:**  
Take affected persons into fresh air and keep quiet.  
Call a doctor immediately.
- **After skin contact:**  
Immediately remove contaminated clothing.  
Wash off immediately with plenty of water for at least 15 minutes.  
Seek immediate medical advice.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.  
Protect unharmed eye.  
Call a doctor immediately.
- **After swallowing:**  
Call a doctor immediately.  
Rinse out mouth and then drink plenty of water.  
Do not induce vomiting. Risk of perforation.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
Do not induce vomiting. Risk of perforation.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
Water haze  
Foam
- **For safety reasons unsuitable extinguishing agents:** Carbon dioxide
- **5.2 Special hazards arising from the substance or mixture**  
Vapours may form explosive mixtures with air.  
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
In the work of extinction it is necessary to provide respiratory protection and full chemical protective clothing.
- **Additional information**  
Collect contaminated fire fighting water separately. It must not enter the sewage system.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
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.  
See Section 13 for disposal information.

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### SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

No special precautions are necessary if used correctly.

Prevent formation of aerosols.

Do not eat, drink or smoke during use.

Wash hands after any manipulation.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

Open and handle receptacle with care.

**Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**7.2 Conditions for safe storage, including any incompatibilities****Storage:**

**Requirements to be met by storerooms and receptacles:** Store in a cool location.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:**

Keep container tightly sealed.

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:**

**75-15-0 carbon disulphide**

WEL Long-term value: 15 mg/m<sup>3</sup>, 5 ppm

Sk

**Additional information:** The lists valid during the making were used as basis.

**8.2 Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

**Respiratory protection:** Not required.

**Protection of hands:**



Protective gloves

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

**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 manufacturer.

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**• Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**• Eye protection:**

Tightly sealed goggles

**SECTION 9: Physical and chemical properties****• 9.1 Information on basic physical and chemical properties****• General Information****• Appearance:****Form:**

Fluid

**Colour:**

Colourless

**• Odour:**

Unpleasant

**• Odour threshold:**

Not determined.

**• pH-value:**

Not determined.

**• Change in condition****Melting point/freezing point:**

-111.5 °C

**Initial boiling point and boiling range:**

46.3 °C

**• Flash point:**

-30 °C

**• Flammability (solid, gas):**

Not applicable.

**• Ignition temperature:**

95 °C

**• Decomposition temperature:**

Not determined.

**• Auto-ignition temperature:**

Not determined.

**• Explosive properties:**

Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

**• Explosion limits:****Lower:**

1 Vol %

**Upper:**

60 Vol %

**• Vapour pressure at 20 °C:**

400 hPa

**• Density at 20 °C:**1.2632 g/cm<sup>3</sup>**• Relative density**

Not determined.

**• Vapour density**

Not determined.

**• Evaporation rate**

Not determined.

**• Solubility in / Miscibility with water at 20 °C:**

2.2 g/l

**• Partition coefficient: n-octanol/water:**

Not determined.

**• Viscosity:****Dynamic:**

Not determined.

**Kinematic:**

Not determined.

**• 9.2 Other information**

No further relevant information available.

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### 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** No dangerous reactions known.
- **10.4 Conditions to avoid** Heat, open flames and sparks
- **10.5 Incompatible materials:**  
Strong oxidizing agents.  
Acids and bases  
Reducing agents  
Aluminium  
Zinc  
Potassium
- **10.6 Hazardous decomposition products:**  
Carbon oxides  
Sulphur oxides  
Carbonyl sulfide

### 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:**  
Oral LD50 3188 mg/kg (rat)
- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes skin irritation.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**  
After uptake of large quantities:  
inebriation, agitation, spasms, unconsciousness, narcosis, respiratory paralysis, cyanosis, drop in blood pressure, death  
After long-term exposure to the chemical:  
Tiredness, muscular symptoms  
After a latency period:  
Stomach/intestinal disorders, psychoses, Changes in the blood count, Cardiac irregularities  
Damage to:  
Liver, Kidney  
This substance should be handled with particular care
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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**  
Suspected of damaging fertility. Suspected of damaging the unborn child.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure**  
Target Organs: Peripheral nervous system, Central nervous system, Cardio-vascular system, Eyes  
Causes damage to the central nervous system, the kidneys and the cardiovascular system through prolonged or repeated exposure.

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- **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 *Poecilia reticulata* (guppy): 4 mg/l; 96 h

OECD Test Guideline 203

Toxicity to daphnia and other aquatic invertebrates

EC50 *Daphnia magna* (Water flea): 2,1 mg/l; 48 h

OECD Test Guideline 202

Toxicity to algae

IC50 *Chlorella pyrenoidosa*: 21 mg/l; 96 h

OECD Test Guideline 201

Toxicity to bacteriamicrotox

test EC50 *Photobacterium phosphoreum*: 341 mg/l; 15 min

(IUCLID)

• **12.2 Persistence and degradability**

Biodegradability

80 %; 28 d

OECD Test Guideline 301D

Readily biodegradable

Chemical Oxygen Demand (COD)

1,47 mg/g

(IUCLID)

• **12.3 Bioaccumulative potential**

Partition coefficient: n-octanol/water

log Pow: 1,84 - 1,94

(Lit.) Bioaccumulation is not expected.

• **12.4 Mobility in soil** No further relevant information available.• **Additional ecological information:**• **General notes:**

Water hazard class 2 (German Regulation) (Assessment by list): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

• **12.5 Results of PBT and vPvB assessment**• **PBT:** Not applicable.• **vPvB:** Not applicable.• **12.6 Other adverse effects**

Henry constant

1462 Pa·m<sup>3</sup>/mol

Method: (experimental)

Distribution preferentially in air. (Lit.)

Stability in water

&gt; 1 yr

(IUCLID)

Additional ecological information

Hazard for drinking water supplies.

Discharge into the environment must be avoided.

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### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG**
- **14.2 UN proper shipping name**
- **ADR**
- **IMDG**
- **14.3 Transport hazard class(es)**
- **ADR**

UN1131

1131 CARBON DISULPHIDE  
CARBON DISULPHIDE

- **Class**
- **Label**

3 Flammable liquids.  
3+6.1

- **IMDG**



- **Class**
- **Label**

3 Flammable liquids.  
3/6.1

- **IATA**
- **Label**

FORBIDDEN

- **14.4 Packing group**
- **ADR, IMDG**

I

- **14.5 Environmental hazards:**

- **Marine pollutant:**

No

- **14.6 Special precautions for user**

Warning: Flammable liquids.

- **Hazard identification number (Kemler code):**

336

- **EMS Number:**

F-E,S-D

- **Stowage Category**

D

- **Stowage Code**

SW2 Clear of living quarters.

- **Segregation Code**

SG63 Stow "separated longitudinally by an intervening complete compartment or hold from" Class 1.

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

Not applicable.

- **Transport/Additional information:**

- **ADR**

- **Limited quantities (LQ)**

0

- **Transport category**

1

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- **Tunnel restriction code**
- **UN "Model Regulation":**

C/E

UN 1131 CARBON DISULPHIDE, 3 (6.1), I

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### 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)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 2: Flammable liquids – Category 2  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
Repr. 2: Reproductive toxicity – Category 2  
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

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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
- **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).  
Frequency of use 365 days/year  
Emission days (days/year): 365
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** Raw material.
- **Used amount per time or activity**  
1000 tons per year  
Fraction of EU tonnage used in region : 100 %  
Fraction of Regional tonnage locally used: 100%
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** No special measures required.
- **Other operational conditions affecting worker exposure**  
Avoid contact with eyes.  
Avoid contact with the skin.
- **Other operational conditions affecting consumer exposure during the use of the product**  
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures**  
Keep good industrial hygiene.  
Provide exhaust ventilation at points where emissions occur. (90.5%)  
Ensure operatives are trained to minimise exposures.  
Clean equipment and the work area every day.  
Clear spills immediately.
- **Technical protective measures**  
Indoor use  
Ensure good ventilation/exhaustion at the workplace.
- **Personal protective measures**  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the skin.  
Avoid contact with the eyes.  
Wear suitable gloves (tested to EN374)
- **Measures for consumer protection** Ensure adequate labelling.
- **Environmental protection measures** No special measures required.
- **Air** No special measures required.
- **Water** No special measures required.
- **Soil** No significant emissions to the terrestrial environment are expected.
- **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.

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- **Waste type** Partially emptied and uncleaned packaging
- **3 - Exposure estimation**
  - **Worker (inhalation)**  
PROC 15: 15.07 mg/m<sup>3</sup>, RCR 0.954  
The exposure estimation was carried out in accordance with ECETOC TRA.
  - **Consumer** Not relevant for this Exposure Scenario.
- **4 - Guidance for downstream users** No further relevant information available.

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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
- **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).  
Frequency of use 365 days/year  
Emission days (days/year): 365
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** Raw material.
- **Used amount per time or activity**  
1000 tons per year  
Fraction of EU tonnage used in region : 100%  
Fraction of Regional tonnage locally used: 100%
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure**  
Number of emission days per year: 365
- **Other operational conditions affecting worker exposure**  
Avoid contact with eyes.  
Avoid contact with the skin.
- **Other operational conditions affecting consumer exposure during the use of the product**  
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures**  
Keep good industrial hygiene.  
Provide exhaust ventilation at points where emissions occur. (90.5%)  
Ensure operatives are trained to minimise exposures.  
Clean equipment and the work area every day.  
Clear spills immediately.
- **Technical protective measures**  
Indoor use  
Ensure good ventilation/exhaustion at the workplace.
- **Personal protective measures**  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the skin.  
Avoid contact with the eyes.  
Wear suitable gloves (tested to EN374)
- **Measures for consumer protection** Ensure adequate labelling.
- **Environmental protection measures** No special measures required.
- **Air** No special measures required.
- **Water** No special measures required.
- **Soil** No significant emissions to the terrestrial environment are expected.
- **Disposal measures**  
Disposal must be made according to official regulations.  
Ensure that waste is collected and contained.

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**• 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 (inhalation)**

PROC 15: 15.07 mg/m<sup>3</sup>, RCR 0.954

The exposure estimation was carried out in accordance with ECETOC TRA.

**• Consumer** Not relevant for this Exposure Scenario.**• 4 - Guidance for downstream users**

For further informations, please consult: Downstream Users [http://guidance.echa.europa.eu/downstream\\_users\\_en.htm](http://guidance.echa.europa.eu/downstream_users_en.htm)

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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### Annex: Exposure scenario 3

- **1 - Short title of the exposure scenario** Industrial use. Use as an intermediate.
- **Sector of Use**  
SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
- **Process category**  
PROC1 Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions.  
PROC2 Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions  
PROC3 Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition  
PROC4 Chemical production where opportunity for exposure arises  
PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
- **Environmental release category** ERC6a Use of intermediate
- **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).  
Frequency of use 365 days/year  
Emission days (days/year): 365
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** Raw material.
- **Used amount per time or activity**  
1000 tons per year  
Fraction of EU tonnage used in region : 100%  
Fraction of Regional tonnage locally used: 100%
- **Other operational conditions** Observe the general safety regulations when handling chemicals.
- **Other operational conditions affecting environmental exposure**  
Number of emission days per year: 365
- **Other operational conditions affecting worker exposure**  
Avoid contact with eyes.  
Avoid contact with the skin.
- **Other operational conditions affecting consumer exposure during the use of the product**  
Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures**  
Keep good industrial hygiene.  
Provide exhaust ventilation at points where emissions occur. (98.1%)  
Ensure operatives are trained to minimise exposures.  
Clean equipment and the work area every day.  
Clear spills immediately.
- **Technical protective measures**  
Indoor use  
Ensure good ventilation/exhaustion at the workplace.
- **Personal protective measures**  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the skin.  
Avoid contact with the eyes.  
Wear suitable gloves (tested to EN374)
- **Measures for consumer protection** Ensure adequate labelling.
- **Environmental protection measures** No special measures required.
- **Air** No special measures required.

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**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 07.06.2021

Version number 2.0

Revision: 02.06.2021

**Trade name:** Carbon disulfide, for analysis, ExpertQ®, ACS, Reag. Ph Eur

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- **Water** No special measures required.
- **Soil** No significant emissions to the terrestrial environment are expected.
- **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**
- **Worker (inhalation)**  
PROC 1: 0.032 mg/m<sup>3</sup>, RCR 0.002  
PROC 2: 15.07 mg/m<sup>3</sup>, RCR 0.954  
PROC 3: 14.91 mg/m<sup>3</sup>, RCR 0.954  
PROC 4: 14.91 mg/m<sup>3</sup>, RCR 0.944  
PROC 8a: 15.07 mg/m<sup>3</sup>, RCR 0.954  
The exposure estimation was carried out in accordance with ECETOC TRA.
- **Consumer** Not relevant for this Exposure Scenario.
- **4 - Guidance for downstream users**  
For further informations, please consult: Downstream Users [http://guidance.echa.europa.eu/downstream\\_users\\_en.htm](http://guidance.echa.europa.eu/downstream_users_en.htm)  
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.