

3604S

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

1.1. - Product identifier

Trade name 3604S

Chemical name

Index No.

EC No.

CAS No.

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

Uses advised against of the substance or mixture - aerosol plastic agent

1.3. - Details of the supplier of the safety data sheet

MIX SARL
ZA DE L'AVENIR
30600 VESTRIC ET CANDIAC
Lydie Gazzera 06 87 91 41 73 lydie@mix.fr

1.4. - Emergency telephone number

Guy's & St Thomas' Poisons Unit
Medical Toxicology Unit, London 0870 243 2241

SECTION 2 - Hazards identification

2.1. - Classification of the substance or mixture

Acute Tox. 4 Inhalation	Acute toxicity (inhal.), Category 4
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Muta. 1B	Germ cell mutagenicity, Category 1B
Carc. 1B	Carcinogenicity - Category 1B
STOT SE 3 (H335)	Specific target organ toxicity - Single exposure, Category 3, Respiratory tract irritation
STOT RE 2	Specific target organ toxicity - Repeated exposure, Category 2
Aerosol 1	Aerosols, Category 1

2.2. - Label elements

Contains: (CAS No.: 90989-38-1)

Signal word Danger

Hazard pictograms



Hazard statements

H222	Extremely flammable aerosol
H229	Pressurised container: May burst if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation

3604S

H332	Harmful if inhaled
H335	May cause respiratory irritation
H340	May cause genetic defects
H350	May cause cancer
H373	May cause damage to organs through prolonged or repeated exposure

Precautionary statements

P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P211	Do not spray on an open flame or other ignition source
P251	Do not pierce or burn, even after use
P260	Do not breathe vapours, spray
P264	Wash hands thoroughly after handling
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves, protective clothing, eye protection
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P302+P352	IF ON SKIN: Wash with plenty of with water and soap
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P312	Call a POISON CENTER or doctor/physician if you feel unwell
P331	Do NOT induce vomiting
P362+P364	Take off contaminated clothing and wash it before reuse
P403+P233	Store in a well-ventilated place. Keep container tightly closed
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50°C/ 122°F
P501	Dispose of contents/container to an accredited treatment center

2.3. - Other hazards

Other hazards which do not result in classification

- Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
- Do not spray on an open flame or other ignition source.

SECTION 3 - Composition/information on ingredients

3.1. - Substances

3.2. - Mixtures

Chemical name	No	%	Class	Spec. concentrations
Hydrocarbure aromatiques	CAS No. : 90989-38-1 Index No. : 648-010-00-X EC No. : 292-694-9	33.6	Acute Tox. 4 Inhalation - H332 Asp. Tox. 1 - H304 Carc. 1B - H350 Eye Irrit. 2 - H319 Flam. Liq. 3 - H226 Muta. 1B - H340 Skin Irrit. 2 - H315 STOT RE 2 - H373 STOT SE 3 (H335) - H335	

3604S

SECTION 4 - First aid measures

4.1. - Description of first aid measures

Measures in case of inhalation

- When in doubt or if symptoms are observed, get medical advice.
- Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.
- En cas d'inhalation, déplacer à l'air frais.

Measures in case of contact with skin

- After contact with skin, wash immediately with plenty of water and soap.
- In case of skin irritation, consult a physician.
- Remove contaminated, saturated clothing immediately.

Measures in case of contact with eyes

- Rinse immediately carefully and thoroughly with eye-bath or water.
- In case of eye irritation consult an ophthalmologist.

Measures in case of ingestion

- Rinse mouth thoroughly with water.
- Do NOT induce vomiting.
- Call a physician immediately.

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

Symptoms and effects after inhalation

- The following symptoms may occur: Respiratory complaints

Symptoms and effects after contact with skin

- Causes skin irritation.

Symptoms and effects after contact with eyes

- Causes eye irritation.

Symptoms and effects after ingestion

- No information available.

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

- Treat symptomatically.

SECTION 5 - Firefighting measures

5.1. - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO₂)

Unsuitable extinguishing media

- High power water jet

5.2. - Special hazards arising from the substance or mixture

Special hazards

- Hazardous combustion products
- Composants volatils forment mélange inflammable avec l'air.
- Chaleur entraîne élévation de pression et risque d'explosion.

5.3. - Advice for firefighters

- Remove product from area of fire.
- Wear a self-contained breathing apparatus and chemical protective clothing.
- Refroidir citernes/fûts à l'eau pulvérisée/mettre à l'abri.
- Wear a self-contained breathing apparatus and chemical protective clothing.

3604S

SECTION 6 - Accidental release measures

6.1. - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Use personal protection equipment.
- Remove persons to safety.
- Wear breathing apparatus if exposed to vapours/dusts/aerosols.
- Provide adequate ventilation.
- Remove all sources of ignition.

For emergency responders

- Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. - Environmental precautions

- Do not allow to enter into surface water or drains.

6.3. - Methods and material for containment and cleaning up

Appropriate containment techniques

- Pomper/recueillir produit libéré dans récipients appropriés. Voir "Manipulation" pour choix en matériaux d'emballage. Boucher la fuite, couper l'alimentation. Endiguer le liquide répandu. Essayer de réduire l'évaporation. Mesurer la concentration du mélange explosif de gaz et d'air. Diluer/disperser gaz/vapeur inflammable avec un rideau d'eau. Mise à la terre des appareils/récipients. Ne pas utiliser d'air comprimé pour le pompage.

Appropriate clean-up procedures

- Ventilate affected area.
- Recouvrir liquide répandu avec mousse. Absorber liquide répandu dans matériau inerte, p.ex.: sable, terre, vermiculite. Mettre le produit absorbé dans un récipient qui se referme. Matériau approprié du récipient: voir "Manipulation". Recueillir soigneusement le solide répandu/les restes. Vider les citernes si endommagées/après le refroidissement. Ne pas utiliser d'air comprimé pour le pompage. Porter produit recueilli au fabricant/à instance compétente. Nettoyer le matériel et les vêtements après le travail.

Inappropriate techniques

- No information available.

6.4. - Reference to other sections

- Personal protection equipment: see section 8
- Disposal: see section 13

SECTION 7 - Handling and storage

7.1. - Precautions for safe handling

Recommendations

- Avoid: Eye contact
- It is recommended to design all work processes always so that the following is excluded: Eye contact
- Avoid: Skin contact
- It is recommended to design all work processes always so that the following is excluded: Skin contact
- After use replace the closing cap immediately.

3604S

- Vapours/aerosols must be exhausted directly at the point of origin.
- All work processes must always be designed so that the following is excluded: generation/formation of aerosols
- All work processes must always be designed so that the following is excluded: Inhalation
- See section 8.
- Même après usage, ne pas percer ou incinérer.
- Only use the material in places where open light, fire and other flammable sources can be kept away.

Advice on general occupational hygiene

- When using do not eat, drink, smoke, sniff.
- Wash hands before breaks and after work.
- Work in well-ventilated zones or use proper respiratory protection.

7.2. - Conditions for safe storage, including any incompatibilities

- Storage class Non-combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects
- Prescriptions particulières pour l'emballage: À protéger contre les rayons solaires et à ne pas exposer à une température supérieure à 50 °C.

7.3. - Specific end use(s)

SECTION 8 - Exposure controls/personal protection

8.1. - Control parameters

8.2. - Exposure controls

Appropriate engineering controls

- No information available.

Individual protection measures, such as personal protective equipment

- Suitable eye protection: Eye glasses with side protection
- Suitable protective clothing: lab coat
- Tested protective gloves must be worn
- Suitable respiratory protection apparatus: Self-contained respirator (breathing apparatus) (DIN EN 133)
- Protective gloves

- Eye protection

- Masque à gaz avec type de filtre A. Concentration de gaz/vapeurs élevée: AR autonome.
- FKM (fluoro rubber)



3604S

SECTION 9 - Physical and chemical properties

9.1. - Information on basic physical and chemical properties

<u>Physical state</u>	Liquid	<u>Appearance</u>	Aerosol
<u>Color</u>	transparent	<u>Odor</u>	
pH	No data available		
Boiling point	No data available		
Flash point	No data available		
Kinematic viscosity	No data available		
Dynamic viscosity	No data available		
Melting point	No data available		
Freezing point	No data available		
Evaporation rate	No data available		
flammability	No data available		
Lower explosion limit	No data available		
Upper explosion limit	No data available		
Vapour pressure	No data available		
Vapour density	No data available		
Relative density	No data available		
Density	No data available		
Solubility (Water)	No data available		
Solubility (Ethanol)	No data available		
Solubility (Acetone)	No data available		
Solubility (Organic solvents)	No data available		
Auto-ignition temperature	No data available		
Decomposition temperature	No data available		

9.2. - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

SECTION 10 - Stability and reactivity

10.1. - Reactivity

- This material is considered to be non-reactive under normal use conditions.
- Ne pas vaporiser sur une flamme nue ou sur toute autre source d'ignition.

10.2. - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4. - Conditions to avoid

- No information available.

3604S

10.5. - Incompatible materials

- No information available.

10.6. - Hazardous decomposition products

- Does not decompose when used for intended uses.

SECTION 11 - Toxicological information

11.1. - Information on toxicological effects

Acute toxicity - Acute toxicity (inhal.), Category 4 - Harmful if inhaled

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Harmful by inhalation.
- Toxic by inhalation.

Skin corrosion/irritation - Skin corrosion/irritation, Category 2 - Causes skin irritation

- Irritating to skin.

Serious eye damage/irritation - Serious eye damage/eye irritation, Category 2 - Causes serious eye irritation

- Irritating to eyes.

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Germ cell mutagenicity, Category 1B - May cause genetic defects

Carcinogenicity - Carcinogenicity - Category 1B - May cause cancer

Reproductive toxicity - Not classified

Specific target organ toxicity - Single exposure - Specific target organ toxicity - Single exposure, Category 3, Respiratory tract irritation - May cause respiratory irritation

Specific target organ toxicity - Repeated exposure - Specific target organ toxicity - Repeated exposure, Category 2 - May cause damage to organs through prolonged or repeated exposure

Aspiration hazard - Not classified

SECTION 12 - Ecological information

12.1. - Toxicity

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available

3604S

NOEC chronic other aquatic plants	No data available
-----------------------------------	-------------------

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

12.2. - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

12.3. - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

12.4. - Mobility in soil

- No information available.

12.5. - Results of PBT and vPvB assessment

12.6. - Other adverse effects

- No information available.

SECTION 13 - Disposal considerations

13.1. - Waste treatment methods

<u>Appropriate methods of waste treatment</u>	<ul style="list-style-type: none">- Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.- Handle contaminated packages in the same way as the substance itself.
<u>Sewage disposal</u>	<ul style="list-style-type: none">- No information available.
<u>Special precautions for waste treatment</u>	<ul style="list-style-type: none">- Waste requires special monitoring.- Collect the waste separately.- Send to a hazardous waste incinerator facility under observation of official regulations.- Waste requires monitoring.- The waste is to be kept separate from other types of waste until its disposal.
<u>Community or national or regional provisions</u>	<ul style="list-style-type: none">- No information available.

SECTION 14 - Transport information

14.1. - UN number

Substance name :

UN number :

14.2. - UN proper shipping name

3604S

14.3. - Transport hazard class(es)

ADR Classification code :

Pictogramms

14.4. - Packing group

14.5. - Environmental hazards

Environmental hazards :

Marine pollutant :

14.6. - Special precautions for user

14.7. - Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

SECTION 15 - Regulatory information

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

Components in the list of
Reach candidates

Components in Annex XIV

Components in Annex XVII

VOC content No data available

15.2. - Chemical safety assessment

Chemical safety assessment carried out for the product - No information available.

SECTION 16 - Other information

SDS versions

Version No.	Date of issue	Description of the amendments
1	12/9/2015	

Texts of the regulatory sentences

Acute Tox. 4 Inhalation	Acute toxicity (inhal.), Category 4
Aerosol 1	Aerosols, Category 1
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity - Category 1B
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H222	Extremely flammable aerosol
H229	Pressurised container: May burst if heated
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation

3604S

H340	May cause genetic defects
H350	May cause cancer
H373	May cause damage to organs through prolonged or repeated exposure
Muta. 1B	Germ cell mutagenicity, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity - Repeated exposure, Category 2
STOT SE 3 (H335)	Specific target organ toxicity - Single exposure, Category 3, Respiratory tract irritation