

MATERIAL SAFETY DATA SHEET

As per reglament (CE) 1907/2006

HISPANA
de Maquinaria, S.A.

Code: KA012465

Date: 18/04/13

Page 1 of 4

COMPOUND TOP-02S FOR GP

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier:

COMPOUND TOP-02S FOR GP

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

For galvanic uses

1.3 Details of the supplier of the safety data sheet:

Metal Finishing Development, S.L.

C / Pallars 85-91 Satic 6ª - 08018 - Barcelona

Tel: 93 309 17 20

Fax: 93 309 07 02

1.4 Emergency telephone number:

Municipal service of Information Toxicological: +34 93 317 44 00

National service of Urgencies Toxicological: +34 91 562 04 20 (24 hours)

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Commission Regulation classification CE nº 1272/2008:



Signal Words: Attention – Attention – Don't used signal word

2.2 Label elements:

Hazard Statements:

H302 Harmful if swallowed

H312 Harmful in contact with skin

H315 Causes skin irritation

H319 Causes serious eye irritation

H351 Suspected of causing cancer

H411 Toxic to aquatic life with long lasting effects

EUH032 Contact with acids liberates very toxic gas

Precautionary statements:

P102 Keep out of reach of children

P262 Do not get in eyes, on skin, or on clothing

P273 Avoid release to the environment.

P280 Wear cold insulating gloves/face shield/eye protection

P305/P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

P337/P313 If eye irritation persists: Get medical advice/attention

2.3 Other hazards:

MATERIAL SAFETY DATA SHEET

As per reglament (CE) 1907/2006

HISPANA
de Maquinaria, S.A.

Code: KA012465

Date: 18/04/13

Page 2 of 4

COMPOUND TOP-02S FOR GP

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Nº CAS	Substance	Nº CE	Contend	Symbol	Phrases H
62-56-6	Thiourea	200-543-5	2%	GHS08-GHS07-GHS09	H351-H302-H411
1762-95-4	Ammonium thiocyanate	217-175-6	5 – 10%	GHS07	H312-H302

3.2 Mixtures

- Water
- Viscosity modifying substances

4 FIRST AID MEASURES

4.1 Description of first aid measures:

P302+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.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting

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

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

P332+P313 If skin irritation occurs: Get medical advice/attention

P337+P313 If eye irritation persists: Get medical advice/attention

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

5 FIREFIGHTING MEASURES

5.1 Extinguishing media:

Use media appropriate to surrounding materials. Water, foam or dry powder

Extinguishing media NOT to use: No restriction

5.2 Special hazards arising from the substance or mixture:

5.3 Advice for firefighters:

Protective clothing against chemical fires.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Observe the protective measures listed in Section 8

6.2 Environmental precautions:

Do not allow the drainage system. Prevent contamination of soil, water and drainage.

6.3 Methods and material for containment and cleaning up:

Collect with absorbent materials and place in waste container for later disposal according to regulations. Washed away with water.

6.4 Reference to other sections:

7 HANDLING AND STORAGE

MATERIAL SAFETY DATA SHEET

As per reglament (CE) 1907/2006

HISPANA
de Maquinaria, S.A.

Code: KA012465

Date: 18/04/13

Page 3 of 4

COMPOUND TOP-02S FOR GP

7.1 Precautions for safe handling:

Do not smoke, eat or drink when handling. Ensure good personal hygiene after handling.

7.2 Conditions for safe storage, including any incompatibilities:

Store in tightly closed container. Keep away from heat and humidity.

7.3 Specific end use(s):

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

P280 Wear protective gloves/protective clothing/eye protection/face protection

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

8.2 Exposure controls:

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:	Oily liquid
Color:	Beige
Odor:	Characteristic
Ph:	7
Boiling Point (°C):	100°C
Melting point (°C):	----
Autoignition Temperature:	----
Explosive Properties:	----
Oxidizing Properties:	----
Vapor Pressure (mm Hg):	0,1
Density (g / ml):	0,85 to 0,95
Solubility (water):	∞
Solubility (other):	----

9.2 Other information:

10 STABILITY AND REACTIVITY

10.2 Chemical stability:

Stable in proper storage.

10.4 Conditions to avoid:

Avoid heat and humidity

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Acute Toxicity: Rat Oral LD50 1750 mg / Kg.

Dangerous health effects, carcinogenic effects have been demonstrated in laboratory animals. May cause teratogenic and mutagenic. The suspicion about its carcinogenic effect requires further evaluation. The review of its detrimental effect on the fetus is not yet completed. There have been no mutagenic according to Ames test. System-level have shown adverse effects on the thyroid gland.

12 ECOLOGICAL INFORMATION

MATERIAL SAFETY DATA SHEET

As per reglament (CE) 1907/2006

HISPANA
de Maquinaria, S.A.

Code: KA012465

Date: 18/04/13

Page 4 of 4

COMPOUND TOP-02S FOR GP

12.1 Toxicity:

It is toxic to aquatic organisms and may cause adverse effects in the aquatic environment.

12.2 Persistence and degradability:

Not readily biodegradable.

Brachidanio rerio LC50, 96h 10000 mg/l

Daphnia EC50, 24h 110 mg/l

IC50 Desmodemus subspicatus, 96h 6,8 mg/l

12.6 Other adverse effects:

Do not pour the product in water and drainage and not stored in public repositories.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Substance or preparation: Respect the national and local regulations. Have the product to be eliminated in a licensed waste handler.

Contaminated packaging: The packaging contaminated with dangerous substances or preparations shall have the same treatment as the products themselves contents

14 TRANSPORT INFORMATION

14.1 UN Number

2810

14.2 UN proper shipping name:

Toxic Liquid Organic NOS (Thiourea)

14.3 Transport hazard class (es):

Overland (ADR): Class 6.1

Sea (IMDG): Class 6.1

Air (ICAO-IATA): Class 6.1

14.4 Packing group:

III

15 REGULATORY INFORMATION

16 OTHER INFORMATION

The information provided herein is based on our knowledge and experience and does not constitute any guarantee of product specifications. Compliance with the instructions contained in the text does not relieve the user of compliance with many legal regulations apply.

The use and application of our products are outside our control and therefore the responsibility of the buyer.

Hazard Statements:

H302 Harmful if swallowed

H312 Harmful in contact with skin

H315 Causes skin irritation

H319 Causes serious eye irritation

H351 Suspected of causing cancer

H411 Toxic to aquatic life with long lasting effects

EUH032 Contact with acids liberates very toxic gas