

Safety Data Sheet

Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Ultra Catalizador C-25

Recommended use of the chemical and restrictions on use

Recommended use : Additive
Catalyst.

Manufacturer or supplier's details

Company : Univar Solutions México, S. de R.L. de C.V.
Address : Av. Xola, número 535, piso 2, Col. Del Valle Norte
Deleg. Benito Juárez CP 03103
Ciudad de México
Mexico

Emergency telephone number:

Transport North America: CHEMTREC (1-800-424-9300)

CHEMTREC INTERNATIONAL Tel # 703-527-3887

SETIQ 800 00 214 00 / 55 55 59 15 88

Additional Information: : Responsible Party: Product Compliance Department
E-Mail: SDSLA@univarsolutions.com
SDS Requests: 55 1107 0170
Website: www.univarsolutions.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral) : Category 5

Skin corrosion : Category 1C

Serious eye damage : Category 1

Skin sensitisation : Category 1

Germ cell mutagenicity : Category 2

Reproductive toxicity : Category 1B

Specific target organ toxicity : Category 1 (Immune system)
- single exposure

Specific target organ toxicity : Category 1 (Immune system)
- repeated exposure

Short-term (acute) aquatic : Category 1
hazard

Long-term (chronic) aquatic : Category 1
hazard

GHS label elements

Safety Data Sheet

Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

Hazard pictograms



Signal word

: Danger

Hazard statements

: H303 May be harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H341 Suspected of causing genetic defects.
H360 May damage fertility or the unborn child.
H370 Causes damage to organs (Immune system).
H372 Causes damage to organs (Immune system) through prolonged or repeated exposure.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

: **Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P281 Use personal protective equipment as required.
Response:
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.
P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
P307 + P311 IF exposed: Call a POISON CENTER or doctor/ physician.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.
Storage:
P405 Store locked up.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Safety Data Sheet
Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

Other hazards

None known.

This SDS was prepared according to NOM-018-STPS-2015.**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

Hazardous components

CAS-No.	Chemical name	Weight percent
77-58-7	Dodecanoic acid, 1,1'-(dibutylstannylene) ester	10 - 20
68002-97-1	Alcohols, C10-16, ethoxylated	5 - 10

Any concentration shown as a range is due to batch variation.

SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficulty.
If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Continue rinsing eyes during transport to hospital.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
Take victim immediately to hospital.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Keep respiratory tract clear.
Do not induce vomiting without medical advice.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : None known.

Safety Data Sheet

Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

SECTION 5. FIREFIGHTING MEASURES

- | | |
|---|---|
| Suitable extinguishing media | : Alcohol-resistant foam
Dry chemical
Carbon dioxide (CO ₂)
Water spray |
| Unsuitable extinguishing media | : High volume water jet |
| Specific hazards during fire-fighting | : Do not allow run-off from fire fighting to enter drains or water courses. |
| Hazardous combustion products | : No hazardous combustion products are known |
| Specific extinguishing methods | : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

- | | |
|---|---|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment. |
| Environmental precautions | : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal. |

SECTION 7. HANDLING AND STORAGE

- | | |
|---|--|
| Advice on protection against fire and explosion | : Normal measures for preventive fire protection. |
| Advice on safe handling | : Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
To avoid spills during handling keep bottle on a metal tray.
Dispose of rinse water in accordance with local and national regulations.
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being |

Safety Data Sheet

Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

Hygiene measures	used. : When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
Conditions for safe storage	: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

Respiratory protection	: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Filter type	: Organic vapour type
Hand protection	
Remarks	: The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Eye protection	: Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
Skin and body protection	: Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: liquid
Colour	: milky, white
Odour	: characteristic
Odour Threshold	: No data available
pH	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 94 °C (201 °F)
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available

Safety Data Sheet

Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

Relative vapour density	: No data available
Relative density	: No data available
Density	: No data available
Solubility(ies)	
Water solubility	: soluble @ 20 °C (68 °F)
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No hazards to be specially mentioned.
Conditions to avoid	: Keep away from heat, flame, sparks and other ignition sources.
Incompatible materials	: Strong acids Strong bases Strong oxidizing agents

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity	: Acute toxicity estimate: 3,280 mg/kg
Acute dermal toxicity	: Acute toxicity estimate: > 5,000 mg/kg

Components:

77-58-7:

Acute oral toxicity	: LD50 (Rat): 2,071 mg/kg
Acute inhalation toxicity	: Remarks: No data available
Acute dermal toxicity	: LD50 (Rabbit): > 2,000 mg/kg

68002-97-1:

Acute oral toxicity	: LD50 (Guinea pig): 384 mg/kg Assessment: The component/mixture is moderately toxic after single ingestion.
Acute inhalation toxicity	: Remarks: No data available
Acute dermal toxicity	: Remarks: No data available

Safety Data Sheet

Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

Skin corrosion/irritation

Components:

77-58-7:

Species: Rabbit

Result: Corrosive, category 1C - where responses occur after exposures between 1 hour and 4 hours and observations up to 14 days.

68002-97-1:

Species: Rabbit

Result: Irritating to skin.

Serious eye damage/eye irritation

Components:

77-58-7:

Species: Rabbit

Result: Risk of serious damage to eyes.

68002-97-1:

Species: Rabbit

Result: Risk of serious damage to eyes.

Respiratory or skin sensitisation

Components:

77-58-7:

Species: Guinea pig

Result: May cause sensitisation by skin contact.

68002-97-1:

Remarks: No data available

Germ cell mutagenicity

Components:

77-58-7:

Genotoxicity in vitro : Test Type: Chromosome aberration test in vitro
Species: mouse lymphoma cells
Result: positive

Genotoxicity in vivo : Test Type: Chromosome aberration assay in vivo
Species: Mouse
Result: negative

Germ cell mutagenicity - Assessment : In vitro tests showed mutagenic effects

68002-97-1:

Genotoxicity in vitro : Test Type: Ames test
Species: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Result: negative

Safety Data Sheet

Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

Germ cell mutagenicity - Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Carcinogenicity

Components:

77-58-7:

Carcinogenicity - Assessment : Carcinogenicity classification not possible from current data.

68002-97-1:

Carcinogenicity - Assessment : No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Components:

77-58-7:

Effects on foetal development : Species: Rat
General Toxicity Maternal: NOAEL: 50.52 mg/kg bw
Teratogenicity: LOAEL: 50.52 mg/kg body weight
Result: Teratogenicity and developmental toxicity

Teratogenicity - Assessment : Presumed human reproductive toxicant

68002-97-1:

Teratogenicity - Assessment : No evidence of adverse effects on sexual function and fertility, or on development, based on animal experiments.

STOT - single exposure

Components:

77-58-7:

Target Organs: Immune system
Assessment: Causes damage to organs., The substance or mixture is classified as specific target organ toxicant, single exposure, category 1.

STOT - repeated exposure

Components:

77-58-7:

Target Organs: Immune system
Assessment: Causes damage to organs through prolonged or repeated exposure., The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 1.

Further information

Product:

Remarks: No data available

Safety Data Sheet

Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

77-58-7:

Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 2 mg/l
Exposure time: 48 h
Test substance: Dibutyltin dilaurate
Remarks: Very toxic to aquatic organisms.

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.66 mg/l
Exposure time: 24 h

Toxicity to algae : Remarks: No data available

Acute aquatic toxicity- Assessment : Very toxic to aquatic life.

Chronic aquatic toxicity- Assessment : Very toxic to aquatic life with long lasting effects.

68002-97-1:

Toxicity to fish : LC50 (Cyprinus carpio (Carp)): 1.4 mg/l
Exposure time: 96 h
Test Type: static test

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 6.46 mg/l
Exposure time: 48 h
Test Type: static test

Toxicity to algae : Remarks: No data available

Acute aquatic toxicity- Assessment : Very toxic to aquatic life.

Chronic aquatic toxicity- Assessment : Very toxic to aquatic life with long lasting effects.

Persistence and degradability

Components:

77-58-7:

Biodegradability : Remarks: No data available

68002-97-1:

Biodegradability : Remarks: Expected to be ultimately biodegradable

Bioaccumulative potential

No data available

Mobility in soil

No data available

Safety Data Sheet

Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

Other adverse effects

Product:

Additional ecological information

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Contaminated packaging

: Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

DOT (Department of Transportation):

UN1760, Corrosive liquids, n.o.s., (DIBUTYLTIN DILAURATE), 8, III

MX-DG (Mexico Road Transportation):

UN1760, CORROSIVE LIQUID, N.O.S., (DIBUTYLTIN DILAURATE), 8, III

IATA (International Air Transport Association):

UN1760, CORROSIVE LIQUID, N.O.S., (DIBUTYLTIN DILAURATE) , 8, III, Flash Point:94 °C(201 °F)

IMDG (International Maritime Dangerous Goods):

UN1760, CORROSIVE LIQUID, N.O.S., (DIBUTYLTIN DILAURATE), 8, III, Marine Pollutant (DIBUTYLTIN DILAURATE)

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

The components of this product are reported in the following inventories:

TSCA

: Not On TSCA Inventory

DSL

: All components of this product are on the Canadian DSL

AICS

: On the inventory, or in compliance with the inventory

NZIoC

: On the inventory, or in compliance with the inventory

ENCS

: Not in compliance with the inventory

Safety Data Sheet

Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further information

Other information : The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Univar Solutions Product Compliance Department (55 1107 0170) SDSLA@univarsolutions.com.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Key or legend to abbreviations and acronyms used in the safety data sheet

ACGIH	American Conference of Government Industrial Hygienists	LD50	Lethal Dose 50%
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency
NDSL	Canada, Non-Domestic Substances List	NIOSH	National Institute for Occupational Safety & Health
CNS	Central Nervous System	NTP	National Toxicology Program
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level

Safety Data Sheet

Ultra Catalizador C-25

Version 1.1

Revision Date: 12/14/2020

EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration
EGEST	EOSCA Generic Exposure Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthorization Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50			Lethal Concentration 50%