HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

SECTION 1. IDENTIFICATION

Product name : HYBASE ® M-401

Product code : 00000000058317298

Manufacturer or supplier's details

Company : LANXESS Corporation

Product Safety & Regulatory Affairs

111 RIDC Park West Drive

Pittsburgh, Pennsylvania 15275-1112

Responsible Department : (800) LANXESS

(412) 809-1000

lanxesshes@lanxess.com

Emergency telephone : CHEMTREC (800) 424-9300 or

(703) 527-3887 (Outside U.S.A) and mention CCN12916.

Lanxess Emergency Phone (800) 410-3063.

Recommended use of the chemical and restrictions on use

Recommended use : Additive

Restrictions on use : Restricted to professional users.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

1/17

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

Chemical name	CAS-No.	Concentration (% w/w)
Distillates (petroleum), solvent-	64742-65-0	>= 30 - < 50
dewaxed heavy paraffinic		

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

SECTION 4. FIRST AID MEASURES

If inhaled : If inhaled, remove to fresh air.

Get medical attention if symptoms occur.

In case of skin contact : Wash off with soap and water.

Get medical attention if symptoms occur.

In case of eye contact : Immediately flush eye(s) with plenty of water.

Remove contact lenses.

Get medical attention if symptoms appear.

If swallowed : Rinse mouth with water.

Do not induce vomiting unless directed to do by medical per-

sonnel.

Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

Symptoms : No symptoms known or expected.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or car-

bon dioxide.

Unsuitable extinguishing

media

None known.

Specific hazards during fire

fighting

: Do not allow run-off from fire fighting to enter drains or water

courses.

Hazardous combustion prod-

ucts

Carbon dioxide (CO2)
Carbon monoxide

Metal oxides

Further information : Promptly isolate the scene by removing all persons from the

vicinity of the incident if there is a fire.

No action shall be taken involving any personal risk or without

suitable training.

Special protective equipment:

for fire-fighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

2 / 17

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- :

tive equipment and emer-

gency procedures

No action shall be taken involving any personal risk or without

suitable training.

Put on appropriate personal protection equipment.

Do not touch or walk through spilled material.

Evacuate unnecessary personnel.

Keep unnecessary and unprotected personnel from entering.

Environmental precautions : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Stop leak if safe to do so.

Move containers from spill area.

Wash spillages into an effluent treatment plant or proceed as

follows.

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local /

national regulations (see section 13).

Dispose of wastes in an approved waste disposal facility. Do not allow into the sewerage system, surface waters or

groundwater or into the soil.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Remove contaminated clothing and protective equipment be-

fore entering eating areas.

Workers should wash hands and face before eating, drinking

and smoking.

Put on appropriate personal protection equipment.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.

Conditions for safe storage

Store in accordance with local regulations.

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible

materials (see Section 10) and food and drink.

Keep containers sealed until ready for use.

Containers that have been opened must be carefully resealed

and kept upright to prevent leakage. Do not store in unlabeled containers.

Use appropriate container to avoid environmental contamina-

tion.

Further information on stor-

age stability

No decomposition if stored and applied as directed.

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates (petroleum), solvent- dewaxed heavy paraffinic	64742-65-0	TWA (Inhal- able particu- late matter)	5 mg/m3	ACGIH
Carbonic acid, magnesium salt (1:1)	546-93-0	TWA (total dust)	15 mg/m3	OSHA Z-1
		TWA (respirable fraction)	5 mg/m3	OSHA Z-1

Engineering measures : Good general ventilation should be sufficient to control work-

er exposure to airborne contaminants.

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally re-

quired.

Hand protection

Material : Permeation resistant gloves.

Eye protection : Safety glasses with side-shields

Skin and body protection : Wear suitable protective clothing.

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : Wash hands, forearms and face thoroughly after handling

chemical products, before eating, smoking and using the

lavatory and at the end of the working period.

Appropriate techniques should be used to remove potentially

contaminated clothing.

Wash contaminated clothing before reusing.

Ensure that eyewash stations and safety showers are close

to the workstation location.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : viscous, liquid

Physical state : liquid

4/17

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

Color : brown

Odor : mild, hydrocarbon-like

Odor Threshold : No data available

pH : No data available

Melting point/range : Not applicable

Boiling point/boiling range : No data available

Flash point : $> 356 \, ^{\circ}\text{F} / 180 \, ^{\circ}\text{C}$

Method: open cup

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Remarks: No data available

Self-ignition : No data available

Burning number : No data available

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower :

flammability limit

No data available

Vapor pressure : < 0.0008 hPa (68 °F / 20 °C)

Relative vapor density : No data available

Relative density : 1.080 (59 °F / 15 °C)

Method: No information available.

Density : No data available

Solubility(ies)

Water solubility : negligible

Solubility in other solvents : partly soluble

Ignition temperature : not determined

Decomposition temperature : No data available

5/17

HYBASE ® M-401



Version **Revision Date:** SDS Number: Date of last issue: 08/19/2022 203000021043 2.0 08/25/2022 Country / Language: US / EN

Self-Accelerating decomposi- : No data available

tion temperature (SADT)

Viscosity

Viscosity, dynamic : 100 - 170 mPa.s (212 °F / 100 °C)

Method: ASTM D 445

Viscosity, kinematic $: > 30 \text{ mm2/s} (104 \,^{\circ}\text{F} / 40 \,^{\circ}\text{C})$

Explosive properties No data available

Oxidizing properties No data available

Dust explosion class No data available

Metal corrosion rate No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity No specific test data related to reactivity available for this

product or its ingredients.

Chemical stability The product is chemically stable.

Possibility of hazardous reac-

tions

Under normal conditions of storage and use, hazardous reac-

tions will not occur.

Hazardous decomposition

products

No decomposition if stored normally.

SECTION 11. TOXICOLOGICAL INFORMATION

The most important known symptoms and effects are described in Section 2 and/or Section 4.

Information on likely routes of exposure

Inhalation Eye contact

Skin contact

Acute toxicity

Not classified based on available information.

Product:

Acute oral toxicity LD50 (Rat): > 25,000 mg/kg

Remarks: Information given is based on data obtained from

similar substances.

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Acute oral toxicity : LD50 (Rat, male and female): > 5,000 mg/kg

Method: OECD Test Guideline 401

GLP: yes

Remarks: Test results on an analogous product

Acute inhalation toxicity : LC50 (Rat): > 5.53 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

GLP: yes

Remarks: Test results on an analogous product

Acute dermal toxicity : LD50 (Rabbit, male and female): > 5,000 mg/kg

Method: OECD Test Guideline 402

GLP: yes

Remarks: Test results on an analogous product

Skin corrosion/irritation

Not classified based on available information.

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Species : Rabbit
Method : Draize Test
Result : No skin irritation

GLP : yes

Remarks : Test results on an analogous product

Serious eye damage/eye irritation

Not classified based on available information.

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Species : Rabbit

Result : No eye irritation

Method : OECD Test Guideline 405

GLP : yes

Remarks : Test results on an analogous product

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

Respiratory sensitization

Not classified based on available information.

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Test Type : Buehler Test Routes of exposure : Skin contact Species : Guinea pig

Method : OECD Test Guideline 406

Result : Did not cause sensitization on laboratory animals.

GLP : yes

Remarks : Test results on an analogous product

Germ cell mutagenicity

Not classified based on available information.

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Genotoxicity in vitro : Test Type: Ames test

Test system: TA98

Metabolic activation: with metabolic activation

Method: OECD Test Guideline 471

Result: negative

GLP: No information available.

Remarks: Test results on an analogous product

Test Type: Chromosome aberration test in vitro Test system: Chinese hamster ovary cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 473

Result: negative

GLP: no

Remarks: Test results on an analogous product

Test Type: In vitro mammalian cell gene mutation test

Test system: mouse lymphoma cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 476

Result: negative GLP: yes

Remarks: Test results on an analogous product

Test Type: In vitro mammalian cell gene mutation test

Test system: mouse lymphoma cells

Metabolic activation: with and without metabolic activation

Method: OECD Test Guideline 476

Result: positive

GLP: yes

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

Remarks: Test results on an analogous product

Genotoxicity in vivo : Test Type: Micronucleus test

Species: Mouse (male and female)

Cell type: Bone marrow

Application Route: Intraperitoneal Method: OECD Test Guideline 474

Result: negative

GLP: No information available.

Remarks: Test results on an analogous product

Carcinogenicity

Not classified based on available information.

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Species : Mouse, female

Application Route : Dermal Exposure time : 18 month(s)

Method : OECD Test Guideline 451

Result : negative

GLP : No information available.

Remarks : Test results on an analogous product

Species : Mouse, male
Application Route : Dermal
Exposure time : 24 month(s)

Method : OECD Test Guideline 453

Result : positive

GLP : No information available.

Remarks : Test results on an analogous product

Carcinogenicity - Assess- : Classified based on DMSO extract content < 3% (Regulation

ment (EC) 1272/2008, Annex VI, Part 3, Note L)

IARC No ingredient of this product present at levels greater than or equal to 0.1% is

identified as probable, possible or confirmed human carcinogen by IARC.

OSHANo component of this product present at levels greater than or equal to 0.1% is

on OSHA's list of regulated carcinogens.

NO ingredient of this product present at levels greater than or equal to 0.1% is

identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Effects on fertility : Test Type: Fertility/early embryonic development

Species: Rat, male and female

Application Route: Oral

Dose: 0 - 1000 milligram per kilogram

General Toxicity Parent: NOAEL: >= 1,000 mg/kg body weight

Fertility: NOAEL: >= 1,000 mg/kg body weight

Early Embryonic Development: NOAEL: >= 1,000 mg/kg body

weight

Method: OECD Test Guideline 421

Result: Animal testing did not show any effects on fertility.

GLP: yes

Remarks: Test results on an analogous product

Effects on fetal development : Test Type: Embryo-fetal development

Species: Rat, female Application Route: Dermal

Dose: 0 - 125 - 500 milligram per kilogram

General Toxicity Maternal: NOAEL: >= 2,000 mg/kg body

weight

Teratogenicity: NOAEL: >= 2,000 mg/kg body weight

Developmental Toxicity: NOAEL: >= 2,000 mg/kg body weight Embryo-fetal toxicity.: NOAEL: >= 2,000 mg/kg body weight

Method: OECD Test Guideline 414

Result: negative

GLP: No information available.

Remarks: Test results on an analogous product

STOT-single exposure

Not classified based on available information.

Product:

Assessment : The substance or mixture is not classified as specific target

organ toxicant, single exposure.

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Assessment : May cause respiratory irritation.

STOT-repeated exposure

Not classified based on available information.

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 203000021043 2.0 08/25/2022 Country / Language: US / EN

Repeated dose toxicity

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Species Rat, male LOAEL 125 mg/kg Application Route Oral Exposure time 90 d

Number of exposures 5 days/week

0 - 125 - 500 mg/kg bw/d Dose Method **OECD Test Guideline 408 GLP** No information available.

Remarks Subchronic toxicity

Test results on an analogous product

Species Rat, male and female

NOAEC >= 1 mg/l

Application Route inhalation (dust/mist/fume)

Exposure time Number of exposures 6 hours/day 0 - 0.05 - 0.22Dose

Method **OECD Test Guideline 412 GLP** No information available.

Remarks Subacute toxicity

Test results on an analogous product

Species Rat, male and female NOAEL >= 2000 mg/kg Skin contact Application Route

Exposure time 90 d

Number of exposures 5 days/week

0 - 2000 mg/kg bw/d Dose **OECD Test Guideline 411** Method **GLP** No information available. Subchronic toxicity

Remarks

Test results on an analogous product

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks : No data is available on the product itself.

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Toxicity to fish : LL50 (Pimephales promelas (fathead minnow)): > 100 mg/l

Exposure time: 96 h Analytical monitoring: yes

Method: OECD Test Guideline 203

GLP: yes

Remarks: nominal concentration Test results on an analogous product

water extractable fraction

Toxicity to daphnia and other :

aquatic invertebrates

EL50 (Daphnia magna (Water flea)): > 10,000 mg/l

Exposure time: 48 h

Analytical monitoring: no

Method: OECD Test Guideline 202 GLP: No information available. Remarks: nominal concentration Test results on an analogous product

water extractable fraction

Toxicity to algae/aquatic

plants

EL50 (Pseudokirchneriella subcapitata (green algae)): > 100

mg/l

Exposure time: 72 h Analytical monitoring: no

Method: OECD Test Guideline 201 GLP: No information available. Remarks: nominal concentration Test results on an analogous product

water extractable fraction

NOELR (Pseudokirchneriella subcapitata (green algae)): >=

100 mg/l

Exposure time: 72 h Analytical monitoring: no

Method: OECD Test Guideline 201 GLP: No information available. Remarks: nominal concentration Test results on an analogous product

water extractable fraction

Toxicity to daphnia and other aquatic invertebrates (Chron-

ic toxicity)

NOELR (Daphnia magna (Water flea)): 10 mg/l

End point: Reproduction Exposure time: 21 d Analytical monitoring: no

Method: OECD Test Guideline 211

12 / 17

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

GLP: yes

Remarks: nominal concentration
Test results on an analogous product

water extractable fraction

Persistence and degradability

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Biodegradability : aerobic

Concentration: 44 mg/l

Result: Inherently biodegradable.

Biodegradation: 31 % Exposure time: 28 d

Method: OECD Test Guideline 301F

GLP: yes

Stability in water : Remarks: The product is insoluble and floats on water.

Bioaccumulative potential

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Partition coefficient: n- : log Pow: > 3.90

octanol/water Method: Calculated value

Mobility in soil

Components:

Distillates (petroleum), solvent-dewaxed heavy paraffinic:

Mobility : Remarks: The product is insoluble and floats on water.

Known distribution to environmental compartments

Other adverse effects

Product:

Additional ecological infor-

: No information on ecology is available.

mation

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

RCRA - Resource Conserva- : If disc tion and Recovery Authoriza- hazar

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. Howev-

13 / 17

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

tion Act er, under RCRA, it is the responsibility of the product user to

determine at the time of disposal, whether a material containing the product or derived from the product should be classi-

fied as a hazardous waste. (40 CFR 261.20-24)

Waste from residues : The generation of waste should be avoided or minimized

wherever possible.

This material and its container must be disposed of in a safe

way.

Empty containers retain product residue; observe all precau-

tions for product.

Avoid dispersal of spilled material and runoff and contact with

soil, waterways, drains and sewers.

Waste disposal should be in accordance with existing federal,

state, provincial and/or local environmental controls.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

Domestic regulation

49 CFR

Not regulated as a dangerous good

Hazard and Handling Notes.

Not dangerous cargo, Keep dry., Keep separated from foodstuffs

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : No SARA Hazards

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

SARA 313 : This material does not contain any chemical components with

known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Massachusetts Right To Know

Carbonic acid, magnesium salt (1:1) 546-93-0

Pennsylvania Right To Know

Distillates (petroleum), solvent-dewaxed heavy 64742-65-0

paraffinic

Carbonic acid, magnesium salt (1:1) 546-93-0 Benzenesulfonic acid, mono- and dialkyl derivs., 71786-47-5

magnesium salts

Sulfonic acids, petroleum, magnesium salts 61789-87-5

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

TSCA inventory

TSCA : All substances listed as active on the TSCA inventory

TSCA list

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

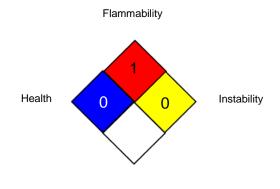
Further information

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

NFPA 704:



Special hazard

HMIS® IV:



HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard.

Full text of other abbreviations

ACGIH : USA. ACGIH Threshold Limit Values (TLV)

OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Lim-

its for Air Contaminants

ACGIH / TWA : 8-hour, time-weighted average OSHA Z-1 / TWA : 8-hour time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act: CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships: MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances;

HYBASE ® M-401



Version Revision Date: SDS Number: Date of last issue: 08/19/2022 2.0 08/25/2022 203000021043 Country / Language: US / EN

(Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Revision Date : 08/25/2022

The data contained in this Safety Data Sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. 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 to be a guidance for processing and does not contain any 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. It is the responsibility of the recipient of the product to ensure that any proprietary rights and existing laws and legislation are observed.