



# SAFETY DATA SHEET

THE DOW CHEMICAL COMPANY

**Product name:** ACRY SOL™ WS-68 Emulsion

**Issue Date:** 01/22/2026

**Print Date:** 01/23/2026

THE DOW CHEMICAL COMPANY encourages and expects you to read and understand the entire (M)SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

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## 1. IDENTIFICATION

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**Product name:** ACRY SOL™ WS-68 Emulsion

**Recommended use of the chemical and restrictions on use**

**Identified uses:** Coatings product

### COMPANY IDENTIFICATION

THE DOW CHEMICAL COMPANY  
2211 H.H. DOW WAY  
MIDLAND MI 48674  
UNITED STATES

**Customer Information Number:**

800-258-2436  
SDSQuestion@dow.com

### EMERGENCY TELEPHONE NUMBER

**24-Hour Emergency Contact:** CHEMTREC +1 800-424-9300

**Local Emergency Contact:** 800-424-9300

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## 2. HAZARDS IDENTIFICATION

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### Hazard classification for the product as supplied

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

Skin irritation - Category 2

Eye irritation - Category 2A

### Label elements

#### Hazard pictograms



Signal word: **WARNING!**

**Hazards**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

**Precautionary statements****Prevention**

P264 Wash skin thoroughly after handling.  
P280 Wear protective gloves, eye protection and/or face protection.

**Response**

P302 + P352 IF ON SKIN: Wash with plenty of water.  
P305 + P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
+ P338  
P332 + P313 If skin irritation occurs: Get medical advice/ attention.  
P337 + P313 If eye irritation persists: Get medical advice/ attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

**Other hazards**

No data available

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**3. COMPOSITION/INFORMATION ON INGREDIENTS**

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**Chemical nature:** Polymers, water based  
This product is a mixture.

| N°   | Component            | CASRN         | Concentration        | US Unique Identifier (internal) |
|------|----------------------|---------------|----------------------|---------------------------------|
| 0001 | Water                | 7732-18-5     | >= 59.0 - <= 61.0 %  | Not applicable                  |
| 0002 | Acrylic polymer(s)   | Not hazardous | >= 37.0 - <= 39.0 %  | Not classified                  |
| 0003 | Dimethylethanolamine | 108-01-0      | >= 1.0 - <= 5.0 %    | Not applicable                  |
| 0004 | Residual monomers    | Not required  | >= 0.0001 - < 0.05 % | Not classified                  |

**Actual concentration or concentration range is withheld as a trade secret**

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**4. FIRST AID MEASURES**

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**Description of first aid measures****General advice:**

First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Inhalation:** Move person to fresh air and keep comfortable for breathing; consult a physician.

**Skin contact:** Wash off with plenty of water. Suitable emergency safety shower facility should be available in work area.

**Eye contact:** Wash immediately and continuously with flowing water for at least 30 minutes. Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical consultation, preferably from an ophthalmologist. Suitable emergency eye wash facility should be immediately available.

**Ingestion:** If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

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

Causes skin irritation. Causes serious eye irritation.

**Indication of any immediate medical attention and special treatment needed**

**Notes to physician:** Chemical eye burns may require extended irrigation. Obtain prompt consultation, preferably from an ophthalmologist. Exposure to amine vapors may cause minor transient edema of the corneal epithelium (glaucompsia) with blurred vision, blue haze and halos around bright objects. Effects disappear in a few hours and temporarily reduce ability to drive vehicles. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

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## 5. FIREFIGHTING MEASURES

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### Extinguishing media

**Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire..

**Unsuitable extinguishing media:** None known..

### Special hazards arising from the substance or mixture

**Hazardous combustion products:** Carbon dioxide.. Carbon monoxide..

**Unusual Fire and Explosion Hazards:** Material can splatter above 100C/212F.. Dried product can burn..

### Advice for firefighters

**Fire Fighting Procedures:** No data available

**Special protective equipment for firefighters:** Wear self-contained breathing apparatus and protective suit..

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## 6. ACCIDENTAL RELEASE MEASURES

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### Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Keep people away from and upwind of spill/leak. Material can create slippery conditions.

**Environmental precautions:** CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**Methods and materials for containment and cleaning up:** Contain spills immediately with inert materials (e.g., sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.

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## 7. HANDLING AND STORAGE

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**Precautions for safe handling:** Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.

**Conditions for safe storage:** Keep from freezing - product stability may be affected. STIR WELL BEFORE USE.

### Storage stability

**Storage temperature:** 1 - 49 °C (34 - 120 °F)

Other data: Monomer vapors can be evolved when material is heated during processing operations. See SECTION 8, for types of ventilation required.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Control parameters

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

| Component            | Regulation                | Type of listing | Value |
|----------------------|---------------------------|-----------------|-------|
| Dimethylethanolamine | Dow IHG                   | TWA             | 1 ppm |
|                      | US WEEL                   | TWA             | 2 ppm |
|                      | Further information: Skin |                 |       |
|                      | US WEEL                   | STEL            | 5 ppm |
|                      | Further information: Skin |                 |       |

### Exposure controls

**Engineering controls:** Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

### Individual protection measures

**Eye/face protection:** Use chemical goggles. If exposure causes eye discomfort, use a full-face respirator.

#### Skin protection

**Hand protection:** Use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

**Other protection:** Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

**Respiratory protection:** Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

|                |             |
|----------------|-------------|
| Physical state | liquid      |
| Color          | translucent |

Odor Acrylic odor

Odor Threshold No data available

pH 6.8 - 7.6

### Melting point/freezing point

Melting point/ range 0 °C ( 32 °F) Water

Freezing point No data available

### Boiling point, initial boiling point and boiling range

Boiling point (760 mmHg) 100.00 °C ( 212.00 °F) Water

Flash point Noncombustible

Evaporation Rate (Butyl Acetate = 1) <1.00 Water

### Flammability

Flammability (solid, gas) Not Applicable

Flammability (liquids) No data available

### Upper/lower flammability or explosive limits

Lower explosion limit Not Applicable

Upper explosion limit Not Applicable

Vapor Pressure 17.0000000 mmHg at 20.00 °C (68.00 °F) Water

### Relative vapour density

Relative Vapor Density (air = 1) <1.0000 Water

### Density and / or relative density

Relative Density (water = 1) 1.0000 - 1.2000

### Solubility(ies)

Water solubility partly miscible

Partition coefficient: n-octanol/water (log value) No data available

Auto-ignition temperature Not Applicable

Decomposition temperature No data available

|                          |                       |
|--------------------------|-----------------------|
| Dynamic Viscosity        | 10 - 210 mPa.s        |
| Kinematic Viscosity      | No data available     |
| Percent volatility       | 59.00 - 61.00 % Water |
| Particle characteristics |                       |
| Particle size            | not applicable        |

NOTE: The physical data presented above are typical values and should not be construed as a specification.

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## 10. STABILITY AND REACTIVITY

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**Reactivity:** None reasonably foreseeable.

**Chemical stability:** Stable

**Possibility of hazardous reactions:** Product will not undergo polymerization.

**Conditions to avoid:** No data available

**Incompatible materials:** There are no known materials which are incompatible with this product.

**Hazardous decomposition products:** Thermal decomposition may yield acrylic monomers..

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## 11. TOXICOLOGICAL INFORMATION

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*Toxicological information appears in this section when such data are available.*

### Information on likely routes of exposure

Ingestion, Inhalation, Skin contact, Eye contact.

**Acute toxicity (represents short term exposures with immediate effects - no chronic/delayed effects known unless otherwise noted)**

#### Acute Toxicity Endpoints:

Not classified based on available information.

#### Acute oral toxicity

##### Information for the Product:

Very low toxicity if swallowed. Swallowing may result in irritation of the mouth, throat, and gastrointestinal tract.

As product: Single dose oral LD50 has not been determined.

Based on information for component(s):  
LD50, Rat, > 5,000 mg/kg

##### Information for components:

**Acrylic polymer(s)**

Single dose oral LD50 has not been determined.

For similar material(s): LD50, Rat, > 5,000 mg/kg Estimated.

**Dimethylethanolamine**

LD50, Rat, 1,182 mg/kg

**Residual monomers**

Single dose oral LD50 has not been determined.

**Acute dermal toxicity**

**Information for the Product:**

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

As product: The dermal LD50 has not been determined.

Based on information for component(s):  
LD50, Rabbit, > 2,000 mg/kg

**Information for components:**

**Acrylic polymer(s)**

The dermal LD50 has not been determined.

For similar material(s): LD50, Rabbit, > 5,000 mg/kg Estimated.

**Dimethylethanolamine**

LD50, Rabbit, 1,215 mg/kg

**Residual monomers**

The dermal LD50 has not been determined.

**Acute inhalation toxicity**

**Information for the Product:**

Brief (minutes) exposure to vapor, mist or dust is not likely to cause adverse effects.

As product: The LC50 has not been determined.

**Information for components:**

**Acrylic polymer(s)**

The LC50 has not been determined.

**Dimethylethanolamine**

LC50, Rat, 4 Hour, vapour, 6 mg/l

**Residual monomers**

The LC50 has not been determined.

### Skin corrosion/irritation

Causes skin irritation.

#### Information for the Product:

Based on information for component(s):  
Brief contact may cause skin irritation with local redness.

#### Information for components:

##### Acrylic polymer(s)

Prolonged contact is essentially nonirritating to skin.

##### Dimethylethanolamine

Brief contact may cause skin burns. Symptoms may include pain, severe local redness and tissue damage.  
Classified as corrosive to the skin according to DOT guidelines.

##### Residual monomers

Essentially nonirritating to skin.

### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Information for the Product:

Based on information for component(s):  
May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur.  
Vapor may cause eye irritation experienced as mild discomfort and redness.  
Vapor of amines may cause swelling of the cornea resulting in visual disturbances such as blurred or hazy vision. Bright lights may appear to be surrounded by halos. Effects may be delayed and typically disappear spontaneously.

#### Information for components:

##### Acrylic polymer(s)

May cause slight eye irritation.  
Corneal injury is unlikely.

##### Dimethylethanolamine

May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Chemical burns may occur.  
Vapor may cause eye irritation experienced as mild discomfort and redness.  
Vapor of amines may cause swelling of the cornea resulting in visual disturbances such as blurred or hazy vision. Bright lights may appear to be surrounded by halos. Effects may be delayed and typically disappear spontaneously.

##### Residual monomers

Essentially nonirritating to eyes.

### Sensitization

**For skin sensitization:**

Not classified based on available information.

**For respiratory sensitization:**

Not classified based on available information.

**Information for the Product:**

Based on information for component(s):

Did not cause allergic skin reactions when tested in humans.

For respiratory sensitization:

No relevant data found.

**Information for components:**

**Acrylic polymer(s)**

For skin sensitization:

No relevant data found.

For respiratory sensitization:

No relevant data found.

**Dimethylethanolamine**

For skin sensitization:

Did not cause allergic skin reactions when tested in guinea pigs.

Did not demonstrate the potential for contact allergy in mice.

For respiratory sensitization:

No relevant data found.

**Residual monomers**

For skin sensitization:

No relevant data found.

For respiratory sensitization:

No relevant data found.

**Specific Target Organ Systemic Toxicity (Single Exposure)**

Not classified based on available information.

**Information for the Product:**

Product test data not available.

**Information for components:**

**Acrylic polymer(s)**

Available data are inadequate to determine single exposure specific target organ toxicity.

**Dimethylethanolamine**

May cause respiratory irritation.

Route of Exposure: Inhalation  
Target Organs: Respiratory Tract

**Residual monomers**

Available data are inadequate to determine single exposure specific target organ toxicity.

**Aspiration Hazard**

Not classified based on available information.

**Information for the Product:**

Based on physical properties, not likely to be an aspiration hazard.

**Information for components:**

**Acrylic polymer(s)**

Based on physical properties, not likely to be an aspiration hazard.

**Dimethylethanolamine**

Aspiration into the respiratory system may occur during ingestion or vomiting. Due to corrosivity, tissue damage or lung injury may occur.

**Residual monomers**

Based on available information, aspiration hazard could not be determined.

**Chronic toxicity (represents longer term exposures with repeated dose resulting in chronic/delayed effects - no immediate effects known unless otherwise noted)**

**Specific Target Organ Systemic Toxicity (Repeated Exposure)**

Not classified based on available information.

**Information for the Product:**

Product test data not available.

**Information for components:**

**Acrylic polymer(s)**

No relevant data found.

**Dimethylethanolamine**

In humans, symptoms may include:

Convulsions.

Insomnia.

In animals, effects have been reported on the following organs:

Blood.

Eye.

Respiratory tract.

Observations in animals include:

Convulsions.

**Residual monomers**

No relevant data found.

**Carcinogenicity**

Not classified based on available information.

**Information for the Product:**

Product test data not available.

**Information for components:**

**Acrylic polymer(s)**

No relevant data found.

**Dimethylethanolamine**

No relevant data found.

**Residual monomers**

No relevant data found.

**Teratogenicity**

Not classified based on available information.

**Information for the Product:**

Product test data not available.

**Information for components:**

**Acrylic polymer(s)**

No relevant data found.

**Dimethylethanolamine**

Did not cause birth defects or other effects in the fetus even at doses which caused toxic effects in the mother.

**Residual monomers**

No relevant data found.

**Reproductive toxicity**

Not classified based on available information.

**Information for the Product:**

Product test data not available.

**Information for components:**

**Acrylic polymer(s)**

No relevant data found.

**Dimethylethanolamine**

In animal studies, did not interfere with reproduction. In animal studies, did not interfere with fertility.

**Residual monomers**

No relevant data found.

**Mutagenicity**

Not classified based on available information.

**Information for the Product:**

Product test data not available.

**Information for components:****Acrylic polymer(s)**

No relevant data found.

**Dimethylethanolamine**

In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

**Residual monomers**

No relevant data found.

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**12. ECOLOGICAL INFORMATION**

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*Ecotoxicological information appears in this section when such data are available.*

**Toxicity****Information for the Product:**

Product test data not available.

**Information for components:****Acrylic polymer(s)****Acute toxicity to fish**

No relevant data found.

**Dimethylethanolamine****Acute toxicity to fish**

Material is slightly toxic to aquatic organisms on an acute basis (LC50/EC50 between 10 and 100 mg/L in the most sensitive species tested).

May increase pH of aquatic systems to > pH 10 which may be toxic to aquatic organisms.

LC50, Leuciscus idus (Golden orfe), static test, 96 Hour, 146.63 mg/l

**Acute toxicity to aquatic invertebrates**

EC50, Daphnia magna (Water flea), 48 Hour, 98.7 mg/l

**Acute toxicity to algae/aquatic plants**

EbC50, alga Scenedesmus sp., 72 Hour, Biomass, 35 mg/l

**Residual monomers**

**Acute toxicity to fish**

No relevant data found.

**Persistence and degradability**

**Information for the Product:**

Product test data not available.

**Information for components:**

**Acrylic polymer(s)**

**Biodegradability:** No relevant data found.

**Dimethylethanolamine**

**Biodegradability:** Material is readily biodegradable. Passes OECD test(s) for ready biodegradability.

10-day Window: Not applicable

**Biodegradation:** 60.5 %

**Exposure time:** 14 d

**Method:** OECD Test Guideline 301C or Equivalent

**Theoretical Oxygen Demand:** 2.70 mg/mg

**Residual monomers**

**Biodegradability:** No relevant data found.

**Bioaccumulative potential**

**Information for the Product:**

Product test data not available.

**Information for components:**

**Acrylic polymer(s)**

**Bioaccumulation:** No relevant data found.

**Dimethylethanolamine**

**Bioaccumulation:** Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

**Partition coefficient: n-octanol/water(log Pow):** -0.55 Measured

**Residual monomers**

**Bioaccumulation:** No relevant data found.

**Mobility in soil**

**Information for the Product:**

Product test data not available.

**Information for components:**

**Acrylic polymer(s)**

No relevant data found.

**Dimethylethanolamine**

Given its very low Henry's constant, volatilization from natural bodies of water or moist soil is not expected to be an important fate process.

**Partition coefficient (Koc):** < 1 Estimated.

**Residual monomers**

No relevant data found.

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## 13. DISPOSAL CONSIDERATIONS

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**Disposal methods:** Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

**Contaminated packaging:** Empty containers may retain product residues and should be disposed of by an approved waste management facility. Label warnings should be followed even after container is emptied. Improper disposal or reuse of this container may be dangerous and illegal. Consult with the respective regulating authorities to determine the available treatment and disposal facilities. All disposal practices must be in compliance with Federal, State/Provincial and local regulations.

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## 14. TRANSPORT INFORMATION

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**DOT**

Not regulated for transport

**Classification for SEA transport (IMO-IMDG):**

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

Not regulated for transport

Consult IMO regulations before transporting ocean bulk

**Classification for AIR transport (IATA/ICAO):**

Not regulated for transport

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service

representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

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## 15. REGULATORY INFORMATION

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### Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Skin corrosion or irritation

Serious eye damage or eye irritation

### Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 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.

### Pennsylvania

Any material listed as "Not Hazardous" in the CAS REG NO. column of SECTION 2, Composition/Information On Ingredients, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know Act.

### California Prop. 65

WARNING: This product can expose you to chemicals including Styrene, Formaldehyde, which is/are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### United States TSCA Inventory (US TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

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## 16. OTHER INFORMATION

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### Hazard Rating System

#### HMIS

| Health | Flammability | Physical Hazard |
|--------|--------------|-----------------|
| 2      | 0            | 0               |

### Revision

Identification Number: 10081239 / A001 / Issue Date: 01/22/2026 / Version: 6.0

In case this version of the SDS contains significant changes from the previous version, they are listed below or noted by bold, double bars in the left-hand margin throughout this document. Changes encompass identification, hazards, tox/eco-tox information and the addition/removal of the ingredients, and regulatory information, hazard information, uses, risk management measures and other key regulatory changes of the product. Detailed explanation of the changes can be obtained upon request.

### Legend

|         |                                                     |
|---------|-----------------------------------------------------|
| Dow IHG | Dow Industrial Hygiene Guideline                    |
| STEL    | Short-Term TWA                                      |
| TWA     | Time weighted average                               |
| US WEEL | USA. Workplace Environmental Exposure Levels (WEEL) |

### Full text of other abbreviations

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 ratereponse; 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 inhibitoryconcentration; 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; (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; 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

### Information Source and References

This SDS is prepared by Product Regulatory Services and Hazard Communications Groups from information supplied by internal references within our company.

THE DOW CHEMICAL COMPANY urges each customer or recipient of this (M)SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this (M)SDS and any hazards associated with the product. The

information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer-specific (M)SDSs, we are not and cannot be responsible for (M)SDSs obtained from any source other than ourselves. If you have obtained an (M)SDS from another source or if you are not sure that the (M)SDS you have is current, please contact us for the most current version.

US