

# SAFETY DATA SHEET

## 1. Identification

### Identification

**Product name:** NEWCAFF™-75 MICROCAPSULES

### Additional identification

**Chemical name:** Mixture

### Recommended use and restriction on use

**Recommended use:** None identified.

**Restrictions on use:** None identified.

### Details of the supplier of the safety data sheet

#### Supplier

**Company Name:** THE LUBRIZOL CORPORATION  
**Address:** 29400 LAKELAND BOULEVARD  
WICKLIFFE, OH 44092-2298  
US  
**Telephone:** (440)943-1200

### Emergency telephone number:

FOR TRANSPORT EMERGENCY CALL CHEMTREC 24-HOUR NUMBER (+1)703 527 3887 OR WITHIN USA  
1 800 424 9300 (CCN13437)

## 2. Hazard(s) identification

### Hazard Classification

#### Health Hazards

Acute toxicity (Oral) Category 4

#### Unknown toxicity

Acute toxicity, oral 0.0 %

Acute toxicity, dermal 0.0 %

Acute toxicity, inhalation, vapor 100.0 %

Acute toxicity, inhalation, dust  
or mist 100.0 %

### Label Elements:

#### Hazard Symbol:



**Signal Word:** Warning

**Hazard Statement:** Harmful if swallowed.

## Precautionary Statements:

**Prevention:** Wash thoroughly after handling. Do not eat, drink or smoke when using this product.

**Response:** IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other hazards which do not result in GHS classification:** None identified.

## 3. Composition/information on ingredients

Chemical name	CAS number	Percent by Weight
Caffeine	58-08-2	70 – 80%

## 4. First-aid measures

**Ingestion:** Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

**Inhalation:** Remove exposed person to fresh air if adverse effects are observed.

**Skin Contact:** Wash with soap and water. If skin irritation occurs, get medical attention.

**Eye contact:** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses.

### Most important symptoms/effects, acute and delayed

**Symptoms:** See section 11.

### Indication of immediate medical attention and special treatment needed

**Treatment:** Treat symptomatically.

## 5. Fire-fighting measures

**General Fire Hazards:** Avoid hose stream or any method which will create dust clouds.

### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Use water spray, dry chemical or foam for extinction. CO2 may be ineffective on large fires.

**Unsuitable extinguishing media:** Not determined.

**Specific hazards arising from the chemical:** See section 10 for additional information.

### Special protective equipment and precautions for fire-fighters

**Special fire-fighting procedures:**

This product has not been evaluated for dust explosion potential. Powdered material may form explosive dust-air mixtures. As a precaution, implement standard safety measures for handling finely divided organic powders. This product has a high volume resistivity and a propensity to build up static electricity which may be discharged as a spark. A spark can be an ignition source for solvent vapor/air mixtures. If you add this product to a solvent, ensure appropriate safe handling practices such as provision for inerting flammable vapors. Take care to minimize airborne dust.

**Special protective equipment for fire-fighters:**

Wear full protective firegear including self-containing breathing apparatus operated in the positive pressure mode with full facepiece, coat, pants, gloves and boots.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures:**

Personal Protective Equipment must be worn, see Personal Protection Section for PPE recommendations.

**Environmental Precautions:**

Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

**Methods and material for containment and cleaning up:**

Pick up free solid for recycle and/or disposal. Sweep up and place in a clearly labeled container for chemical waste. Avoid dust formation. Use wet sweeping compound or water to avoid raising a dust. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas.

**7. Handling and storage****Precautions for safe handling:**

Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid conditions which create dust. Avoid breathing dust. Avoid contact with eyes and prolonged or repeated contact with skin. Keep away from heat, sparks and open flame. Take precautionary measures against static discharges when there is a risk of dust explosion. Practice good housekeeping.

**Maximum Handling Temperature:**

Not determined.

**Conditions for safe storage, including any incompatibilities:**

Store away from incompatible materials. See section 10 for incompatible materials. Store in a dry, well-ventilated place. Keep containers closed when not in use. Keep cool and protect from sunlight.

**Maximum Storage Temperature:**

Not determined.

**8. Exposure controls/personal protection****Control Parameters:****Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Appropriate engineering controls:**

To prevent dust explosions employ bonding and grounding for operations capable of generating static electricity. Minimize dust generation and accumulation. Provide adequate ventilation.

**Individual protection measures, such as personal protective equipment**
**General information:**

Use personal protective equipment as required.

**Eye/face protection:**

Use tight fitting goggles if dust is generated. Wear approved chemical safety glasses or goggles where eye exposure is reasonably probable.

**Skin Protection**
**Hand Protection:**

Suitable gloves can be recommended by the glove supplier. Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur wear chemically protective gloves.

**Other:**

Long sleeve shirt is recommended.

**Respiratory Protection:**

A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator. Use respirator with a dust/mist cartridge if the recommended exposure limit is exceeded. Under normal use conditions, respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapors is likely.

**Hygiene measures:**

Do not eat, drink or smoke when using the product. Wash hands after handling. Wash thoroughly after handling.

<b>9. Physical and chemical properties</b>
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**Appearance**
**Physical state:**

solid

**Form:**

Powder

**Color:**

White to off-white

**Odor:**

Characteristic

**Odor threshold:**

No data available.

<b>  </b>	<b>pH:</b>	Not applicable based on solubility in water.
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**Melting Point:**

No data available.

**Boiling Point:**

No data available.

**Flash Point:**

Not applicable.

**Evaporation rate:**

No data available.

**Flammability (solid, gas):**

No data available.

**Upper/lower limit on flammability or explosive limits**
**Flammability limit - upper (%):**

No data available.

**Flammability limit - lower (%):**

No data available.

**Explosive limit - upper:**

No data available.

**Explosive limit - lower:**

No data available.

**Vapor pressure:**

No data available.

**Vapor density:**

No data available.

**Relative density:**

1 - 1.1

**Solubility(ies)**
**Solubility in water:**

Insoluble in water

<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition temperature:</b>	No data available.
<b>Viscosity:</b>	No data available.

## 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Will not occur.
<b>Conditions to avoid:</b>	Static discharge.
<b>Incompatible Materials:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, nitrogen oxides, and other products of incomplete combustion.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	Harmful if swallowed.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.

### Information on toxicological effects

#### Acute toxicity

##### Oral

Product:	ATEmix 300 - 2,000 mg/kg.
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##### Dermal

Product:	Not classified for acute toxicity based on available data.
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##### Inhalation

No data available

##### Skin Corrosion/Irritation:

Product:	Remarks: Not classified as a primary skin irritant.
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##### Serious Eye Damage/Eye Irritation:

Product:	Remarks: Not classified as a primary eye irritant.
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##### Respiratory sensitization:

No data available

**Skin sensitization:**

No data available

**Specific Target Organ Toxicity - Single Exposure:**

No data available

**Aspiration Hazard:**

No data available

**Chronic Effects**

**Carcinogenicity:**

No data available

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**

No carcinogenic components identified

**Germ Cell Mutagenicity:**

No data available

**Reproductive toxicity:**

No data available

**Specific Target Organ Toxicity - Repeated Exposure:**

No data available

<b>12. Ecological information</b>
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**Ecotoxicity**

**Fish**

Caffeine

LC 50 (Fathead Minnow, 4 d): 151 mg/l

**Aquatic Invertebrates**

Caffeine

EC 50 (Water flea (Daphnia magna), 2 d): > 182.12 mg/l

**Toxicity to Aquatic Plants**

No data available

**Toxicity to soil dwelling organisms**

No data available

**Sediment Toxicity**

No data available

**Toxicity to Terrestrial Plants**

No data available

**Toxicity to Above-Ground Organisms**

No data available

**Toxicity to microorganisms**

No data available

**Persistence and Degradability****Biodegradation**

Caffeine

Miscellaneous, 90 %, 28 d, Readily biodegradable

**Bioaccumulative potential****Bioconcentration Factor (BCF)**

No data available

**Partition Coefficient n-octanol / water (log Kow)**

Caffeine

Log Kow: -0.07

**Mobility:**

No data available

**Other adverse effects**

No data available

**13. Disposal considerations****Disposal instructions:**

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit hazards of product.

**Contaminated Packaging:**

Container packaging may exhibit hazards.

**14. Transport information****DOT**

Not Regulated.

**IMDG**

Not Regulated.

**IATA**

Not Regulated.

**Transport in bulk according to Annex II of MARPOL and the IBC Code**

None known.

The DOT shipping information in this section is based on a bulk container. Please review the accompanying shipping papers for the correct shipping descriptions based the size of the package. Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. During transportation, steps must be taken to prevent load shifting or materials falling, and all relating legal statutes should be obeyed. Review classification requirements before shipping materials at elevated temperatures.

**15. Regulatory information****US Federal Regulations****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

None present or none present in regulated quantities.

**TSCA Section 5(a)2 Significant New Use Rule (SNURs) (40CFR 721, Subpt E)**

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

None present or none present in regulated quantities.

**Superfund amendments and reauthorization act of 1986 (SARA)**

**SARA 311 Classifications**

Acute toxicity (any route of exposure)

**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

None present or none present in regulated quantities.

**SARA 313 (TRI Reporting)**

None present or none present in regulated quantities.

**US State Regulations**

**US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

**Inventory Status**

**Australia (AIC)**

May require notification before sale under Australian regulations.

**Canada (DSL/NDSL)**

May require notification before sale under Canadian regulations.

**China (IECSC)**

All components of this product are listed on the Inventory of Existing Chemical Substances in China.

**European Union (REACH)**

To obtain information on the REACH compliance status of this product, please e-mail  
REACH@SDSInquiries.com.

**Great Britain (UK REACH)**

To obtain information on the UK REACH compliance status of this product, please e-mail  
REACH@SDSInquiries.com.

**Japan (ENCS)**

May require notification in Japan.

**Korea (ECL)**

May require notification before sale in Korea.

**New Zealand (NZIoC)**

All components are in compliance with chemical notification requirements in New Zealand.

**Philippines (PICCS)**

May require notification before sale under Philippines Republic Act 6969.



#### Switzerland (SWISS)

May require notification before sale in Switzerland.

#### Taiwan (TCSCA)

All components of this product are listed on the Taiwan inventory.

#### Turkey (KKDIK)

To obtain information on the KKDIK compliance status of this product, please e-mail REACH@SDSInquiries.com.

#### United States (TSCA)

All substances contained in this product are listed on the TSCA inventory or are exempt.

*The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.*

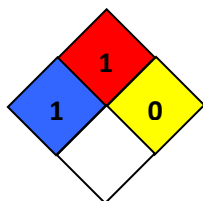
### 16. Other information, including date of preparation or last revision

#### HMIS Hazard ID

Health	1
Flammability	1
Physical Hazards	0

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect

#### NFPA Hazard ID



Red	Flammability
Blue	Health
Yellow	Reactivity
White	Special hazard.

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

**Issue Date:** 09/25/2023

**Version #:** 2.0

**Source of information:** Internal company data and other publically available resources.

**Further Information:** Contact supplier (see Section 1)

Revision(s) are noted by the double bar in the margin and the light gray box.

**Disclaimer:**

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local regulations remains the responsibility of the user.