ENGLISH

1. IDENTIFICATION

PRODUCT USE: Compressor oil
PRODUCT NUMBER(S): 333684

MANUFACTURER DETAILS
ICONIC LUBRIFICANTES S.A.
Avenida das Américas, 3434, Bloco 7, 4º andar
CEP 22640-102 - Barra da Tijuca - Rio de Janeiro - Brasil
www.iconiclubrificantes.com.br

TRANSPORTATION EMERGENCY RESPONSE:
0800 777 2223 | 0800 720 8000

MEDICAL EMERGENCY
0800 110 8270 – Pró-Química

PRODUCT INFORMATION
Email: sac@iconilubrificantes.com.br
0800 704 2230, option 4 (8am - 5:30pm)

SUPPLIER DETAILS
SCHULZ COMPRESSORES LTDA
Rua Dona Francisca, 6.901 A - Distrito Industrial - Joinville - Brazil
Phone: +55 47 3451-8202 (8am – 6pm)
Email: schulz@schulz.com.br
www.schulz.com.br

2. HAZARD IDENTIFICATION

2.1 CLASSIFICATION ACCORDING TO CURRENT ABNT NBR 14725-2
This product is not classified as hazardous under Brazilian Standard ABNT NBR 14725.

2.2 LABEL ELEMENTS: Not classified

2.3 OTHER HAZARDS: Not applicable.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

3.1 MIXTURES
This material is a mixture.

COMPONENTS	CAS NUMBER	CLASSIFICATION	QUANTITY
N-phenylbenzenamine, reaction products with 2,4,4-trimethylpentene	68411-46-1	Acute aquatic 3/H402; Chronic aquatic 3/H412; Reproductive toxicity 2/H361F; Skin irritation 3/H316	1 - < 3 % weight

4. FIRST AID MEASURES

Eyes: No specific first aid measures are required. As a precaution, remove contact lenses, if applicable, and rinse eyes with water.

Skin: No specific first aid measures are required. As a precaution, remove contaminated clothing and shoes. Use soap and water to remove the material from the skin. Discard contaminated clothing and shoes or wash thoroughly before reuse.

Ingestion: No specific first aid measures are required. Do not induce vomiting. As a precaution, consult a physician.

Inhalation: No specific first aid measures are required. If exposed to excessive levels of material in the air, move the individual to fresh air. Seek medical attention if coughing or respiratory discomfort occurs.

4.1 MOST IMPORTANT SYMPTOMS AND EFFECTS, ACUTE OR DELAYED:

IMMEDIATE HEALTH EFFECTS
Eyes: Prolonged or significant eye irritation is not expected.

Skin: Information on high pressure equipment: Accidental subcutaneous injection of this type of materials at high velocity may cause severe injury. Seek medical attention immediately if this type of accident occurs. Initial injury at the injection site may not appear serious but can lead to deformation or amputation if untreated. Prolonged or significant skin irritation is not expected. Skin contact is not expected to cause allergic reactions or harm internal organs if absorbed through the skin.

Ingestion: Not expected to be harmful if swallowed.

Inhalation: Not expected to be harmful if inhaled. Contains synthetic hydrocarbon oil. Prolonged or repeated inhalation of airborne oil mist at levels above the recommended exposure limit for mineral oil mist may cause respiratory irritation or lung effects. Symptoms of respiratory tract irritation may include coughing and breathing difficulty.

DELAYED HEALTH EFFECTS AND OTHERS
Not classified

4.2 NOTES TO PHYSICIANS

In accidents involving high-pressure equipment, this product may be injected subcutaneously. This type of accident can result in small puncture-type wounds, sometimes without bleeding. However, to the force of injection, material injected into the fingertip can be deposited in the palm of the hand. Severe swelling, discoloration, and intense throbbing pain usually occur within 24 hours. Immediate treatment at a surgical center is recommended.

5. FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Use water mist, foam, dry chemical, or carbon dioxide (CO_2) to extinguish flames.
Unusual fire hazards: Leaks or ruptures in high-pressure systems using these materials may pose a fire risk when near ignition sources (e.g., flames, gas pilots, or electrical arcs).

5.2 SPECIFIC HAZARDS OF THE SUBSTANCE OR MIXTURE

Combustion Products: The combustion products vary significantly depending on the conditions. A complex mixture of airborne gases, liquids, and solids, including carbon monoxide, carbon dioxide, and unidentified organic compounds, will form during combustion. Combustion can produce Nitrogen oxides.

5.3 PROTECTION FOR FIREFIGHTING PERSONNEL

Firefighting Protective Measures This material burns but does not ignite easily. Refer to Section 7 for proper handling and storage instructions. For fires involving this material, do not enter confined or enclosed spaces without appropriate protective equipment, including a self-contained breathing apparatus (SCBA).

6. CONTROL MEASURES FOR SPILLS OR LEAKS

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Eliminate all ignition sources near the material spill.

6.2 ENVIRONMENTAL PRECAUTIONS

Contain the release source if it can be done safely. Prevent further contamination of soil, surface water, or groundwater.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP

Clean up the spill promptly, observing the precautions listed in Exposure Controls/Personal Protection. Use appropriate techniques such as non-combustible absorbent materials or pumping. Remove contaminated soil when possible and appropriate. Place other contaminated materials into disposable containers and dispose of them according to applicable regulations. Report spills to local authorities as appropriate or required.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

General Handling Information: Avoid contaminating soil or discharging the material into sewers, drainage systems, or water bodies.

Precautionary Measures: DO NOT USE IN HIGH-PRESSURE SYSTEMS near flames, sparks, and hot surfaces. Use only in well-ventilated areas. Keep the container closed.

Static Electricity Hazard: Electrostatic charges can accumulate and create hazardous conditions when handling this material. Minimize this risk by grounding and bonding operations. However, grounding or bonding alone may not neutralize all charges. Review all operations with the potential to generate or accumulate static charges and/or other sources of fire and take necessary precautions to mitigate risks. These include activities

such as tank and container filling, spraying, tank cleaning, sampling, measuring, load changes, filtration, mixing processes, agitation, and vacuum truck operations.

Container Warnings: The container is not designed to withstand pressure. Do not use pressure to empty them, as this may cause an explosive rupture. Empty containers may contain product residues (solids, liquids, or vapors) and can be hazardous.
Do not pressurize, cut, weld, braze, drill, or grind containers or expose them to heat, flames, sparks, or static electricity, or other sources of ignition. These containers may explode and cause physical injury or death. Fully drain, seal, and timely send empty containers to a reconditioning facility or dispose of them properly.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
Not applicable

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

GENERAL CONSIDERATIONS:
When designing mechanical controls and selecting personal protective equipment (PPE), consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the workplace. If engineering controls or work practices do not adequately control exposure to harmful levels, refer to the PPE information below.

Factors affecting PPE include (but are not limited to): the chemical properties of the product, other substances in contact with the same PPE, physical requirements (fit and size, cut/puncture resistance, dexterity, thermal protection, etc.), and potential allergic reactions to PPE materials. It is the user's responsibility to read and understand all PPE instructions and limitations, as protection is generally limited in duration and under specific conditions.
Special note: Do not use with breathing apparatus or medical equipment.

8.1 CONTROL PARAMETERS
Occupational Exposure Limits:

Component	Country/Agency	Form	TWA	STEL	Ceiling	Notation
Highly refined mineral oil	ACGIH	--	5mg/m^3	10 mg/m^3	--	--

8.2 ENGINEERING CONTROL MEASURES
Use in well-ventilated areas.

8.3 PERSONAL PROTECTION MEASURES
Eye and Face Protection: Use protective equipment to prevent eye contact. This may include safety glasses, chemical splash goggles, face shields, or a combination thereof depending on the work activity.

Skin Protection: Use chemical-resistant personal protective equipment (PPE) to avoid skin contact. Select protective clothing against chemical products based on applicable standards (ASTM F739 or EN 374) and recommendations from occupational health or safety professionals. The use of PPE for chemical products depends on the operations performed, and may include gloves, boots, aprons and protective clothing against chemical products, and full-face protection.
Consult PPE manufacturers for information on breakthrough time to determine how long PPE can be used before it needs to be replaced. Unless glove manufacturer data indicates otherwise, the table below is based

on available industry data and is intended to assist in the glove selection process and should be used as a guide only.

Chemical Glove Material	Thickness (mm)	Typical Breakthrough Time (minutes)
Butyl	0.7	120
Neoprene	0.61	120
Nitrile	0.8	120
Polyvinyl chloride (PVC)	1.1	120
Viton Butyl	0.3	120

Respiratory Protection: Typically, no special respiratory protection is required. If oil mist is generated during user operations, determine whether airborne concentrations exceed occupational exposure limits for mineral oil mist. If so, use a properly approved respirator that provides adequate protection against the measured concentrations of this material. For air-purifying respirators, use a particle filter. Use a positive pressure self-contained breathing apparatus (SCBA) if air-purifying respirators do not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Attention: the following data correspond to the most common values and do not constitute specifications.

Appearance
Color: Colorless to yellow
Physical state: Liquid
Odor: Subtle or light
Odor threshold: Data not available
pH: Not applicable
Melting point: Data not available
Freezing point: Not applicable
Initial Boiling Point: Data not available
Flash Point: (Cleveland Open Cup) 220°C (428°F) (Minimum)
Evaporation rate: Data not available
Flammability (explosive) limits (% by volume in air):
Lower: Not applicable Upper: Not applicable
Vapor pressure: Data not available
Vapor Density (Air = 1): Data not available
Relative Density: Data not available
Density: 0.8375 kg/l - 0.8528 kg/l @ 15°C (59°F) (typical)
Solubility: Soluble in hydrocarbons; insoluble in water.
Partition Coefficient (n-Octanol/Water): Data not available
Auto-Ignition Temperature: Data not available
Decomposition Temperature: Data not available
Viscosity: 32 mm2/s - 150 mm2/s @ 40°C (104°F).

10. STABILITY AND REACTIVITY

10.1 Reactivity: May react with strong oxidizing agents such as chlorates, nitrates, peroxides, etc.
10.2 Chemical Stability: This material is considered stable under normal environmental conditions and expected temperature and pressure during storage and handling.
10.3 Hazardous Polymerization: Hazardous polymerization should not occur.
10.4 Conditions to Avoid: Not applicable
10.5 Incompatibility with Other Materials: Not applicable
10.6 Hazardous decomposition products: None known or expected.

11. TOXICOLOGICAL INFORMATION

Serious Eye Damage/Eye Irritation: This material is not considered an eye irritant. The product has not been tested yet. The claim is based on evaluation of product component data.
Skin Corrosion/Irritation: This material is not considered a skin irritant. The product has not been tested yet. The claim is based on evaluation of product component data.
Skin Sensitization: This material is not considered a skin sensitizer. The product has not been tested yet. The claim is based on evaluation of product component data.
Severe Dermal Toxicity: This material is not considered toxic to the skin. The product has not been tested yet. The claim is based on evaluation of product component data.
Severe Oral Toxicity: This material is not considered toxic by oral exposure. The product has not been tested yet. The claim is based on evaluation of product component data.
Severe Respiratory Toxicity: This material is not considered toxic by inhalation. The product has not been tested yet. The claim is based on evaluation of product component data.
Acute toxicity estimate: Not determined.
Germ cell mutagenicity: This material is not considered toxic by inhalation. The product has not been tested yet. The claim is based on evaluation of product component data.
Carcinogenicity: This material is not considered carcinogenic. The product has not been tested yet. The claim is based on the evaluation of data from similar materials or product components.
Reproductive toxicity: This material is not considered toxic to reproduction. The product has not been tested yet. The claim is based on the evaluation of data from similar materials or product components.
Specific target organ toxicity - single exposure: This material is not considered toxic to specific target organs after a single exposure. The product has not been tested yet. The claim is based on the evaluation of data from similar materials or product components.
Specific target organ toxicity - repeated exposure: This material is not considered toxic to specific target organs after repeated exposure. The product has not been tested yet. The claim is based on the evaluation of data from similar materials or product components.
Aspiration Hazard: This material is not considered an aspiration hazard.

12. ECOLOGICAL INFORMATION

12.1 ECOTOXICITY

This material is not expected to be harmful to aquatic organisms.
The product has not been tested. This statement is derived from the properties of the individual components.

12.2 PERSISTENCE AND DEGRADABILITY

This material is not expected to be readily biodegradable. The product has not been tested. This statement is derived from the properties of the individual components.

12.3 BIOACCUMULATIVE POTENTIAL
Bioconcentration factor: Data not available.
Partition Coefficient (n-Octanol/Water): Data not available.

12.4 MOBILITY IN SOIL
Data not available

12.5 OTHER ADVERSE EFFECTS
No other adverse effects have been identified.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal Considerations
Use the material for its intended purpose or recycle, if possible. There are oil collection services for disposal or recycling of used oil. Place contaminated materials in containers and dispose of them according to applicable regulations. Contact your sales representative or local health and environmental authorities for information on approved recycling or disposal methods.

14. TRANSPORTATION INFORMATION

The description provided does not apply to all transport conditions. Refer to 49CFR or the relevant dangerous goods regulations for additional description (e.g., technical name) requirements and transportation requirements specific to the mode or quantity.

UN Shipping Description: NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORTATION UNDER UN MODEL REGULATIONS.
ANTT Shipping Description: NOT REGULATED AS DANGEROUS GOODS FOR TRANSPORTATION UNDER ANTT RESOLUTION No. 5947.
IMO/IMDG Shipping Description: NOT CLASSIFIED AS DANGEROUS GOODS FOR TRANSPORTATION UNDER THE IMDG CODE.
ICAO/IATA Shipping Description: NOT REGULATED AS HAZARDOUS GOODS FOR TRANSPORTATION UNDER ICAO.

15. REGULATORY INFORMATION

REGULATORY LISTS REVIEWED
01-1 =IARC Group 1
01-2A=IARC Group 2
01-2B=IARC Group 3

None of the components of this material were found on the regulatory lists mentioned above.

CHEMICAL INVENTORY COMPLIANCE

All components meet the following chemical inventory requirements:
AIIC (Australia), DSL (Canada), ENCS (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (United States).

One or more of the components do not meet the following chemical product requirements:
TCSI (Formosa).

Prepared in accordance with Brazilian Standard ABNT NBR 14725-4

16. ADDITIONAL INFORMATION

NFPA RATINGS: Health: 0 Flammability: 1 Reactivity: 0

CORRECTION STATEMENT: SECTION 04 - FIRST AID - Inhalation information has been modified.
SECTION 04 - IMMEDIATE HEALTH EFFECTS - Skin information has been modified.
SECTION 11 - TOXICOLOGICAL INFORMATION information has been modified.
SECTION 15 - CHEMICAL PRODUCT INVENTORY information has been modified.

Revision Date: December 7, 2022

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time-Weighted Average
STEL: Short-Term Exposure Limit	PEL - Permissible Exposure Limit
	CAS - Chemical Abstracts Service Number
ACGIH - American Conference of Governmental Industrial Hygienists	IMO/IMDG - International Maritime Dangerous Goods Code
API - American Petroleum Institute	SDS - Safety Data Sheet for Chemical Products
CVX - Chevron	NFPA - National Fire Protection Association (USA)
DOT - Department of Transportation (USA)	NTP - National Toxicology Program (USA)
IARC - International Agency for Research on Cancer	OSHA - Occupational Safety and Health Administration

The above information is based on the data available at the time of preparation and is deemed accurate. Since this information may be applied under conditions that are beyond our control or knowledge, and since there is the possibility that new data may emerge after the present date which may make certain modifications to the information necessary, we undertake no responsibility for the results of its use. The information is provided on the condition that the recipient makes their own decisions regarding the material's suitability for a specific purpose.