

Company Identity: **Standard Motor Parts Corp.**

Product Identity: **PAG 100 w/Ice 32**

SAFETY DATA SHEET

This Safety Data Sheet conforms to ANSI Z400.1 and to the format requirements and the International Chemical Safety Cards of the Global Harmonizing System. This document complies with 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD).

IMPORTANT: Read this document before handling & disposing of this product.

Pass this information on to employees, customers & users of this product.

Product Identity: PAG 100 w/ Ice 32
Date: October 5, 2021
Product Use: Professional auto air conditioning R134a PAG refrigerant oil with ICE 32 Lubrication enhancer
Company Identity: Standard Motor Parts Temperature Control Div.
Company Address: 1801 Waters Ridge Dr.
Lewisville TX 75057
Phone: 972-316-8100
Emergency Phones: 1-800-727-2979

Section 2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture

Classification acc. to OSHA: Hazard Communication Standard" (29CFR1910.1200)

This mixture does not meet the criteria for classification

2.2 Label Elements

Labelling acc. to OSHA :Hazard Communication Standard" (29CFR1910.1200)

Not required

2.3 Other Hazards

Results of PBT and vPvB assessment

This mixture doesn't contain any substances that are assessed to be a PBT or vPvB

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances: Not relevant mixture

3.2 Mixtures: Description of the mixture
Not safety relevant

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Section 4. FIRST AID MEASURES

4.1 First Aid Measures

EYE CONTACT:

For eyes, flush with plenty of water for 15 minutes & get medical attention if irritation persists.

SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing. Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

INHALATION:

Not expected to be an inhalation hazard!

SWALLOWING:

Rinse mouth. Do NOT induce vomiting. GET MEDICAL ATTENTION IMMEDIATELY. Rest. Do NOT give liquids to an unconscious or convulsing person.

4.2 Symptoms and effects: Both acute and delayed.

No known symptoms or effects

4.3 Indication of need for immediate medical attention and/or special treatment required.

None known

Section 5. FIRE FIGHTING MEASURES

5.1 FIRE & EXPLOSION PREVENTIVE MEASURES:

This product is not an explosion hazard. Cool containers involved in fire with water spray to avoid rupture.

5.2 Special hazards arising from this mixture

Hazardous combustion of product will produce carbon monoxide and/or carbon dioxide

5.3. EXTINGUISHING MEDIA:

Use dry powder, AFFF, alcohol-resistant foam, water in large amounts or carbon dioxide.

5.4 SPECIAL FIRE FIGHTING PROCEDURES:

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear. Use NIOSH approved positive-pressure self contained breathing apparatus.

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Section 6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PROTECTIVE MEASURES:

Avoid skin and eye contact. Wear protective outerwear if contact with product is imminent.

6.2 ENVIRONMENTAL PRECAUTIONS:

Keep spills from entering storm sewers and ditches which lead to waterways.

6.3 CONTAINMENT AND CLEAN-UP MEASURES:

Stop spill at source. Dike and contain. Collect leaking liquid in sealable containers. Absorb remaining liquid in sand or inert absorbent.

Section 7. HANDLING AND STORAGE

7.1 HANDLING:

Wash hands after use.

7.2 STORAGE:

Store in well ventilated area away from excessive heat or flame.

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 RESPIRATORY EXPOSURE CONTROLS: Not expected to pose a significant hazard

8.2 VENTILATION: The mixture does not pose any serious threat to health.

Please refer to ACGIH document, "Industrial Ventilation, A manual of Recommended Practices", most recent edition for details.

8.3 PERSONAL PROTECTIONS: If extended exposure in expected wear OSHA standard goggles or face shield.

Consult safety equipment supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

8.4 WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers. Wash at end of each work-shift & before eating, smoking, or using the toilet. Promptly remove clothing that becomes contaminated. Launder or discard contaminated clothing.

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Section 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Liquid
ODOR:	Characteristic
ODOR THRESHOLD:	Not Available
pH (neutrality):	Not Applicable
MELTING POINT / FREEZING POINT:	Not Available
BOILING RANGE (IBP, 50%, DRY POINT):	306 Deg C at 1,027 hPa
FLASH POINT (TEST METHOD):	Not determined
EVAPORATION RATE (n-BUTYL ACETATE = 1):	Not determined
FLAMMABILITY CLASSIFICATION:	Not determined
VAPOR PRESSURE (MM OF Hg) @ 20 C:	0.076 Pa
VAPOR DENSITY (AIR =1):	Not available
WATER SOLUBILITY:	Appreciable
PARTITION COEFFICIENT (n-OCTANE/WATER):	Not Available
AUTO IGNITION TEMPERATURE:	350 deg C
DECOMPOSITION TEMPERATURE:	Not determined
REFRACTIVE INDEX:	Unknown
MIXED ANILINE POINT (ACID INSOL):	Not determined

Section 10. STABILITY & REACTIVITY

- 10.1 **STABILITY:** Stable under normal conditions.
- 10.2 **CONDITIONS TO AVOID:** Isolate from oxidizers, heat, sparks, electric equipment & open flame.
- 10.3 **MATERIALS TO AVOID:** Reacts violently with strong oxidants.
- 10.4 **HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide, carbon dioxide from burning.
- 10.5 **HAZARDOUS POLYMERIZATION:** Will not occur.

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Section 11. TOXICOLOGICAL INFORMATION

11.1 EYE & SKIN CONTACT:

Primary irritation to eyes, redness, tearing, blurred vision. Liquid can cause eye irritation. Wash thoroughly after handling.

11.2 INHALATION:

Not expected to cause significant irritation or pose serious health effects.

11.3 SWALLOWING:

Harmful if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS / CONDITIONS AGGRAVATED

11.4 CONTITIONS AGGRAVATED: No known conditions exist that are aggravated by use or contact with this mixture.

CHRONIC HAZARDS

11.5 CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS: This product is non carcinogenic and poses no chronic ailments or hazards.

Section 12. ECOLOGICAL INFORMATION

12.1 AQUATIC ANIMAL INFORMATION: This mixture is not considered hazardous to the aquatic environment.

12.2 MOBILITY IN SOIL: Data not available

12.3 DEGRADABILITY: Data not available.

12.4 ACCUMULATION: Data not available

Section 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste management options. Recycle / dispose of observing national, regional, state, provincial or local health, safety & pollution laws. If in doubt, contact appropriate agencies.

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Section 14. TRANSPORT INFORMATION

- 14.1 **DOT SHIPPING NAME:** UN 1760, Corrosive liquid, n.o..s., (phosphoric acid, solution), 8,III
- 14.2 **DRUM LABEL:** Danger label (8)
- 14.3 **IATA / ICAO:** UN 1760, Corrosive liquid, n.o..s., (phosphoric acid, solution), 8,III
Special provisions- A3, Excepted quantities – E1, Limited quantities – 1L
- 14.4 **IMO / IMDG:** UN 1760, Corrosive liquid, n.o..s., (phosphoric acid, solution), 8,III
Special provisions – 223, 274, Excepted quantities – E1, Limited quantities – 5 L.
- 14.5 **Environmental Hazard:** Not environmentally dangerous acc. to the dangerous goods regulations.
- 14.6 **Reportable Quantities:** 4,240,000 pounds
- 14.7. **Marine pollutant:** Not considered a marine pollutant

SECTION 15. REGULATORY INFORMATION

- 15.1 **SARA TITAL III 302/304 HAZARDS:** None of the ingredients are listed.
- 15.2 **Specific Toxic Chemical Listings EPCRA section 313.** All components of this product are on the TSCA list. This material contains no known products restricted under SARA Title III, Section 313 in amounts greater or equal to 1%.
- 15.3 **Clean Air Act:** None of the ingredients are listed
- 15.4 **California Environmental Protection Agency (CAL/EPA): Proposition 65 – Safe Drinking Water and Toxic Enforcement act of 1987:** None of the ingredients are listed!

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Section 16. OTHER INFORMATION

HAZARD RATINGS:

HEALTH (NFPA): 0 HEALTH (HMIS): 0 FLAMMABILITY: 1 REACTIVITY: 0

(Personal Protection Rating to be supplied by user based on use conditions.) This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING:

See section 2 for risk and safety statements. Employees should be made aware of all hazards of this material (as stated in the safety data sheet) before handling it

NOTICE

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