

**Safety Data Sheet (SDS)**

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 04/08/2018

Reviewed on 04/08/2018

**1 Identification**

- **Product Identifier**
- **Trade Name: NU TIRE**
- **Product Number: K-30**
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description:** Hydrotreated Petroleum Fluid
- **Application of the substance / the mixture:** Automotive Tire Appearance-Enhancer
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**  
Kaady Chemical Corp.  
2118 Adams St.  
San Leandro, CA 94577  
+1-510-562-9785  
www.kaadychemical.com
- **Emergency telephone number:** +1-800-424-9300

**2 Hazard(s) Identification**

- **Classification of the substance or mixture:**  
Flam. Liq. 4 H227 Combustible liquid.
- **Label elements:**
- **GHS label elements**  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:** Non-Regulated Material
- **Signal word:** Warning
- **Hazard statements:**  
H227 Combustible liquid.
- **Precautionary statements:**

P210	Keep away from heat. - No smoking.
P223	Do not allow contact with water.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves / eye protection / face protection.
P301+P330+P331	If swallowed: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P342+P311	If experiencing respiratory symptoms: Call a poison center/doctor.
P362	Take off contaminated clothing.
P370+P378	In case of fire: Use for extinction: CO2, powder or water spray.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Unknown acute toxicity:**  
This value refers to knowledge of known, established toxicological or ecotoxicological values.

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60 % of the mixture consists of component(s) of unknown toxicity.

- **Classification system:** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
- **NFPA ratings (scale 0 - 4)**



Health = 1  
Fire = 2  
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



HEALTH 1 Health = 1  
FIRE 2 Fire = 2  
REACTIVITY 0 Physical Hazard = 0

- **Hazard(s) not otherwise classified (HNOC):** None known

**3 Composition/Information on Ingredients**

- **Non-hazardous components:**

Non-Hazardous Components	40-50%
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- **Chemical characterization: Mixtures**

- **Description:** Mixture of substances listed below with non-hazardous additions.

- **Dangerous Components:**

64742-53-6	Distillates (petroleum), hydrotreated light naphthenic		Carc. 1B, H350	50-60%
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- **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

**4 First-Aid Measures**

- **Description of first aid measures:**

- **After inhalation:**

Give oxygen or artificial respiration if needed. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

- **After skin contact:**

Wipe off excess material. Promptly flush skin with water for at least 15 minutes to ensure all chemical is removed. Remove contaminated clothing and wash before reuse. Seek medical attention if tissue appears damaged or if pain or irritation persists. Discard contaminated leather goods. If material is injected under skin, seek immediate medical attention.

- **After eye contact:**

Check for and remove contact lenses. Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention.

- **After swallowing:**

Do NOT give anything to drink unless directed to by a physician. Never give anything by mouth to a person who is not fully conscious. Do NOT induce vomiting unless directed to by a physician. If significant amounts are swallowed or irritation or discomfort occurs, seek immediate medical attention.

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- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed:**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**  
No further relevant information available.

**5 Fire-Fighting Measures**

- **Extinguishing media:**
- **Suitable extinguishing agents:**  
CO2, sand, dry chemical, water mist or alcohol resistant foam.  
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** No further relevant information.
- **Special hazards arising from the substance or mixture:**  
Carbon oxides  
Silicon oxides  
Unburned hydrocarbons  
Sulfur oxides (trace)  
Nitrogen oxides (NOx), (trace)
- **Advice for firefighters:**
- **Protective equipment:**  
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

**6 Accidental Release Measures**

- **Personal precautions, protective equipment and emergency procedures:**  
Use personal protective equipment.  
Keep from contacting skin or eyes.  
Avoid breathing vapors, mist or gas.  
Ensure adequate ventilation.  
Beware of vapors accumulating to form explosive concentrations.  
Vapors can accumulate in low areas.  
Slipping hazard; do not walk through spilled material.
- **Environmental precautions:** Do not allow to enter sewers/surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to section 13.  
Ensure adequate ventilation.  
Dispose of the collected material according to regulations.
- **Reference to other sections:**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

- **PAC-1:**  
None of the ingredients are listed.

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**· PAC-2:**

None of the ingredients are listed.

**· PAC-3:**

None of the ingredients are listed.

**7 Handling and Storage**

**· Handling**

**· Precautions for safe handling:**

- Avoid breathing vapors or mist.
- Avoid contact with eyes, skin, or clothing.
- Keep containers closed when not in use.
- Do not expose containers to open flame, excessive heat, or direct sunlight.
- Keep away from sources of ignition.
- Do not smoke while using material.
- Take measures to prevent the buildup of electrostatic charge.
- Do not puncture or drop containers.
- Handle with care and avoid spillage on the floor (slippage).
- Keep material out of reach of children.
- Keep material away from incompatible materials.
- Wash thoroughly after handling

**· Information about protection against explosions and fires:**

Keep protective respiratory device available.

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

**· Storage**

**· Requirements to be met by storerooms and receptacles:** No special requirements.

**· Information about storage in one common storage facility:**

- Keep container tightly closed.
- Store in a well-ventilated place.
- Do not store at elevated temperatures.
- Do not store in direct sunlight.
- Avoid inhalation of vapors or mist upon opening container.
- Store away from strong oxidizers.
- Store away from strong acids.
- Store away from strong bases.

**· Further information about storage conditions:** None.

**· Specific end use(s):** No further relevant information available.

**8 Exposure Controls/Personal Protection**

**· Additional information about design of technical systems:** No further data; see section 7.

**· Control parameters:**

**· Components with occupational exposure limits:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
 The usual precautionary measures for handling chemicals should be followed.  
 Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing and wash before reuse.  
 Wash hands before breaks and at the end of work.  
 Store protective clothing separately.
- **Breathing equipment:**  
 Have self-contained breathing apparatus, positive pressure, MSHA/NIOSH (approved or equivalent) available in case of spillage or equipment failure.
- **Protection of hands:**



Protective gloves

- **Material of gloves:** Neoprene, Nitrile or Buna Rubber.
- **Penetration time of glove material:** Not applicable.
- **Eye protection:**



Safety glasses recommended.

**9 Physical and Chemical Properties**

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Liquid
Color:	Clear, Colorleess
Odour:	Slight
Odor threshold:	Not determined.
- **pH-value:** Not applicable.
- **Change in condition**

Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	35 °C (95 °F)
- **Flash point:** 76.7 °C (170.1 °F)
- **Flammability (solid, gaseous):** Not applicable.
- **Ignition temperature:** Not applicable
- **Decomposition temperature:** Not determined.

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· <b>Auto igniting:</b>	372C
· <b>Danger of explosion:</b>	Not determined.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapor pressure:</b>	Not determined.
· <b>Density @ 20 °C (68 °F):</b>	0.923 g/cm <sup>3</sup> (7.702 lbs/gal)
· <b>Relative density:</b>	Not determined.
· <b>Vapor density @ 20 °C (68 °F):</b>	3.66 g/cm <sup>3</sup> (30.543 lbs/gal)
· <b>Evaporation rate:</b>	Not determined.
· <b>Solubility in / Miscibility with:</b>	
<b>Water:</b>	Fully Soluble
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>VOC content:</b>	74 g/l
· <b>Other information:</b>	No further relevant information available.

**10 Stability and Reactivity**

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Product is stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Incompatibilities, flames, ignition sources.
- **Incompatible materials:** Peroxides, Strong Oxidizers, Nitric Acid, Strong Acids and Strong Bases.
- **Hazardous decomposition products:**  
Carbon Oxides, Silicon Oxides, Sulfur Oxides (trace) and Nitrogen Oxides (NOx, trace).

**11 Toxicological Information**

- **Information on toxicological effects:**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:** No data available.
- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** No irritating effect.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:

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**Trade Name: NU TIRE**

*Carcinogenic*

· **Carcinogenic categories:**

· **IARC (International Agency for Research on Cancer):**

*None of the ingredients are listed.*

· **NTP (National Toxicology Program):**

*None of the ingredients are listed.*

· **OSHA-Ca (Occupational Safety & Health Administration):**

*None of the ingredients are listed.*

**12 Ecological Information**

· **Toxicity:**

· **Aquatic toxicity:** *No further relevant information available.*

· **Persistence and degradability:** *No further relevant information available.*

· **Behavior in environmental systems:**

· **Bioaccumulative potential:** *No further relevant information available.*

· **Mobility in soil:** *No further relevant information available.*

· **Additional ecological information:**

· **General notes:**

*Do not allow product to reach ground water, water course or sewage system.*

*Danger to drinking water if even small quantities leak into the ground.*

*Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.*

· **Results of PBT and vPvB assessment:**

· **PBT:** *Not applicable.*

· **vPvB:** *Not applicable.*

· **Other adverse effects:** *No further relevant information available.*

**13 Disposal Considerations**

· **Waste treatment methods:**

· **Recommendation:**

*Observe all federal, state and local environmental regulations when disposing of this material.*

· **Uncleaned packagings**

· **Recommendation:** *Disposal must be made according to official regulations.*

**14 Transport Information**

· **UN-Number:**

· **DOT, ADR/ADN, IMDG, IATA**

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**Trade Name: NU TIRE**

· **UN proper shipping name:**  
 · **DOT** Petroleum distillates, n.o.s.  
 · **ADR/ADN** UN1268 Petroleum distillates, n.o.s.  
 · **IMDG, IATA** PETROLEUM DISTILLATES, N.O.S.

· **Transport hazard class(es):**

· **DOT**



· **Class:** 3 Flammable liquids  
 · **Label:** 3

· **ADR/ADN**



· **Class:** 3 (F1) Flammable liquids  
 · **Label:** 3

· **IMDG, IATA**



· **Class:** 3 Flammable liquids  
 · **Label:** 3

· **Packing group:**

· **DOT, ADR/ADN, IMDG, IATA** III

· **Environmental hazards:** Not applicable.

· **Special precautions for user:** Warning: Flammable liquids

· **Danger code (Kemler):** 30

· **EMS Number:** F-E,S-E

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

· **Transport/Additional information:**

· **DOT**

· **Quantity limitations:** On passenger aircraft/rail: 60 L  
 On cargo aircraft only: 220 L

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- **ADR/ADN**
- **Excepted quantities (EQ):** Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

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- **IMDG**
- **Limited quantities (LQ):** 5L
- **Excepted quantities (EQ):** Code: E1  
Maximum net quantity per inner packaging: 30 ml  
Maximum net quantity per outer packaging: 1000 ml

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- **UN "Model Regulation":** UN 1268 PETROLEUM DISTILLATES, N.O.S., 3, III

**15 Regulatory Information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

- **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act):**

64742-53-6 Distillates (petroleum), hydrotreated light naphthenic

- **California Proposition 65:**

- **Chemicals known to cause cancer:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

- **New Jersey Right-to-Know List:**

None of the ingredients are listed.

- **New Jersey Special Hazardous Substance List:**

None of the ingredients are listed.

- **Pennsylvania Right-to-Know List:**

None of the ingredients are listed.

- **Pennsylvania Special Hazardous Substance List:**

None of the ingredients are listed.

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**Trade Name: NU TIRE**

· **Carcinogenic categories:**

· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

· **TLV (Threshold Limit Value established by ACGIH):**

None of the ingredients are listed.

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

None of the ingredients are listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:** Non-Regulated Material

· **Signal word:** Warning

· **Hazard statements:**

H227 Combustible liquid.

· **Precautionary statements:**

- P210 Keep away from heat. - No smoking.
- P223 Do not allow contact with water.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting/equipment.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P273 Avoid release to the environment.
- P280 Wear protective gloves / eye protection / face protection.
- P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P342+P311 If experiencing respiratory symptoms: Call a poison center/doctor.
- P362 Take off contaminated clothing.
- P370+P378 In case of fire: Use for extinction: CO2, powder or water spray.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

None of the ingredients are listed.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**16 Other Information**

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Date of preparation / last revision:** 04/08/2018 / 31

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**Trade Name: NU TIRE****Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
ACGIH: American Conference of Governmental Industrial Hygienists  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety and Health  
OSHA: Occupational Safety & Health Administration  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
Flam. Liq. 4: Flammable liquids – Category 4  
Carc. 1B: Carcinogenicity – Category 1B

**\* Data compared to the previous version altered.**SDS created by MSDS Authoring Services [www.msdsauthoring.com](http://www.msdsauthoring.com) +1-877-204-9106