Section 1 - Chemical Product and Company Identification:

CHAMPION AIR-LOK® TIRE SEALANT

1.1 Product Identification: CHAMPION AIR-LOK® TIRE SEALANT

1.2 Product Brand & Number: 4086I / 4086N / 4086D / 4086AN

1.3 Recommended use of the product and restrictions on use:
   A solution of chemicals for use in commercial tires for puncture and corrosion protection.

1.4 Manufacturer’s Name: CHAMPION BRANDS LLC
   Address: 1001 Golden Drive
   Clinton MO 64735

1.5 Information Phone #: 1-800-821-5693   Emergency Phone #: 1-404-349-2560

Section 2 - Hazards Identification:

2.1 Classification of product:
   This material is considered non-hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.2 Label elements:

2.3 GHS Label elements
   The product is classified and labeled according to the Globally Harmonized System (GHS)

2.4 Hazard Pictograms
   None Required

2.5 Signal word: None Required

2.6 Hazard-determining components of labeling: N/A

2.7 Hazard statements:
   None Required

2.8 Precautionary statements:
   General
   P102 - Keep out of reach of children.
   P103: Read label before use.
   Disposal
   P501 - Dispose of contents/container in accordance with local, state and federal regulations
2.9 **Trade Name:** CHAMPION AIR-LOK® TIRE SEALANT - Protects down to 10° F

3.0 **Classification system:**

- **NFPA ratings** (scale 0-4) - Health = 1, Fire = 1, Reactivity = 0
- **HMIS ratings** (scale 0-4) - Health = 1, Fire = 1, Reactivity = 0

### Section 3 - Composition / Information on Ingredients:

3.1 **Chemical characterization:** Mixtures

3.2 **Description:** Mixture of substances listed below with nonhazardous additions.

3.3 **Dangerous components**

None at levels above the cut-offs which would be considered hazardous under GHS.

Percentages of ingredients are being withheld as trade secret information and vary according to each product. This information will be disclosed as necessary to authorized individuals.

No hazardous ingredients in reportable quantities under USA, Canada, EU, and UN regulations are present in this product.

### Section 4 - First Aid Measures:

4.1 **Description of first aid measures:**

- **After Inhalation:** Supply fresh air, consult doctor in case of complaints
- **After Eye Contact:** In case of contact, remove any contact lenses, immediately flush eyes with water for at least 15 minutes and get medical attention.
- **Skin Contact:** Generally the product does not irritate the skin.
- **After Ingestion:** If symptoms appear and persist seek medical advice.

Important symptoms and effects, both acute and delayed: No further information is available.

### Section 5 - Fire-Fighting Measures:

5.1 **Extinguishing media:**

Suitable extinguishing agents: CO2, Extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 **Protective equipment:** Wear self contained breathing apparatus pressure demand (NIOSH) approved or equivalent and full protective gear to prevent contact with skin or eyes.

5.3 **Unusual fire or explosion hazards:** None

5.4 **Hazardous combustion products:** Carbon Oxides, CO and CO₂, and possible unknown gases.
Section 6 - Accidental Release Measures:

6.1 Personal precautions, protective equipment and emergency procedures: Not required

6.2 Containment and environmental precautions:
Utilize standard liquid absorption material and dike where necessary, dilute with plenty of water. Do not allow to enter sewers/surface or ground water. Ensure adequate ventilation. Dispose of collected material in accordance with regulations.

6.3 Reference to other sections:
See section 7 for information on safe handling
See section 8 for information on personal protective gear
See section 13 for disposal information

Section 7 - Handling and Storage:

7.1 Handling/Storage precautions: Ensure good ventilation and exhaust. Prevent the formation of aerosols. Store in tightly closed containers. Guard against puncture.

7.2 Information about protection against explosion and fires: No special measures needed

7.3 Specific end uses: No further information available

Section 8 - Exposure Controls/Personal Protection:

8.1 Additional information about design of technical systems: No further data: see section 7

8.2 Components with occupational exposure limits:
- 57-55-6 Propylene Glycol - W EEL Long term value: 10 mg/m³
- 107-21-1 Ethylene Glycol - TLV Long term value: NIC-10* mg/m³, (H);* as inhalable fraction and vapor

Additional information: The lists that were valid during the creation were used as basis.

8.3 Exposure controls:
General protective and hygienic measures:
- Keep away from foodstuffs, beverages, and feed.
- Immediately remove all soiled and contaminated clothing
- Wash hands before and after breaks and the end of work.
- Avoid contact with eyes and skin
Breathing equipment: Not required
Protection of hands: Utilize gloves that are chemically resistant and durable enough to withstand the rigors of manual labor. Actual "hands on" experience is needed to determine the efficacy of work gloves.
Eye protection: Tightly sealed goggles
Section 9 - Physical and Chemical Properties:

9.1 Properties:

- **Appearance:** Pink water/glycol viscous liquid solution Characteristic
- **Odor:** Not determined
- **Odor threshold:** Not flammable
- **Flammability:** Fully miscible
- **Solubility in water:** < 350° F
- **Boiling Point:** N/A
- **Flash Point:** 371° C (700F)
- **Ignition temperature:** Product is not self igniting
- **Auto ignition:** Product is not explosive
- **Danger of explosion:**
  - **Lower:** 0.0 Vol %
  - **Upper:** 12.6 Vol %
- **Decomposition temperature:** (H2O = 1): 1.06
- **Specific Gravity:** 10 ± 5
- **pH:** 23 hPa (17 mm Hg)
- **Vapor Pressure @ 20 C (68 F)**
- **Density:** Not determined
  - **Relative density**
  - **Vapor density** Not determined
  - **Evaporation rate** Not determined
- **Partition coefficient (n-octanol/water):** Not determined
- **Boiling point:** Not determined
- **Melting point:** Not applicable
- **Freeze Point:** < - 9° C, <18° F
- **Viscosity:** Range = 11,000 cps - 1,300 cps with an increasing rpm
- **Solvent content:**
  - **Organic solvents:** 12.0 %
  - **Water:** 74.2%
  - **VOC content:** 12.0 %
  - **Solids content:** 3.0 %

Section 10 - Stability and Reactivity:

10.1 Information on stability and reactivity:

- **Reactivity:** No further information available
- **Chemical stability:** Stable under normal conditions
- **Thermal decomposition / Conditions to avoid:** No decomposition if used to according to specifications
- **Incompatibility:** Oxidizing agents
- **Hazardous Decomposition or Byproducts:** None known
- **Hazardous Polymerization:** Will not occur
Section 11 - Toxicological Information:

11.1 Information on toxicology:

Acute toxicity: LD/LC 50 values that are relevant for classification:
7632-00-0 sodium nitrite - Oral LD50 - 85 mg/kg (rat)
Primary irritant effect: on skin - none, on eyes - mildly irritating

11.2 Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

11.3 Carcinogenic categories:

IARC (International Agency for Research on Cancer)
110-91-8 Morpholine
NTP (National Toxicological Program)
None of the ingredients are listed
OSHA-C A (Occupational Safety & Health Administration)
None of the ingredients are listed

Section - 12 Ecological Information:

12.1 Toxicity:
Aquatic toxicity: No further relevant information available

12.2 Persistence and degradability: No further relevant information available

12.3 Mobility in soil: No further relevant information available

12.4 Additional ecological information:
General notes: Water hazard class 1 (self assessment): slightly hazardous for water

12.5 Results of PBT and vPvB assessment:
PBT: Not applicable
vPvB: Not applicable

12.6 Other adverse effects: No further relevant information available

Section 13 - Disposal Considerations:

13.1 Waste treatment methods:
Recommendations: Must not be disposed of together with household garbage. Do not allow product to reach sewage system

13.2 Uncleaned packages:
Recommendations: Disposal must be made according to official regulations

13.3 Recommended cleansing agent: Water, if necessary with cleaning agents
Section 14 - Transport Information:

14.1 UN - Number
DOT, ADR, IMDG, IATA - Non-Regulated Material

14.2 UN proper shipping name:
DOT, ADR, IMDG, IATA - Non-Regulated Material

14.3 Transport hazard class(es)
DOT, ADR, IMDG, IATA - Non-Regulated Material

14.4 Packing group:
DOT, ADR, IMDG, IATA - Non-Regulated Material

14.5 Environmental hazards:
Marine pollutant: No

14.6 Special precautions for user: Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

14.8 UN "Model Regulation": -

Section 15 - Regulatory Information:

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
SARA: Section 335 (extremely hazardous substances):
None of the ingredients are listed
Section 313 (Specific toxic chemical listings):
107-21-1 ethylene glycol
7632-00-0 sodium nitrite

15.2 TSCA (Toxic Substances Control Act): All ingredients are listed

15.3 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

15.4 Carcinogenic categories:
EPA (Environmental Protection Agency) - None of the ingredients are listed
TLV (Threshold Limit Value established by ACGIH):
107-21-1 Ethylene Glycol A4
1332-58-7 Kaolin 2 mg/m³
110-91-8 Morpholine A4

15.5 NIOSH-Ca (National Institute for Occupational Safety and Health):
None of the ingredients are listed.

15.6 **GHS Label elements:**
   The product is classified and labeled according to the Globally Harmonized System (GHS).

15.7 **Hazard pictograms:**
   None Required.

15.8 **Signal word:** None Required.

15.9 **Hazard-determining components of labeling:** N/A

15.9.1 **Hazard statements:** None Required.

15.9.2 **Precautionary statements:**
   **General**
   P102 – Keep out of reach of children.
   P103: Read label before use.
   **Disposal**
   P501 - Dispose of contents/container in accordance with local, state and federal regulations

15.9.3 **National regulations:**
   The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances

15.9.4 **States right to know:**
   57-55-6 Propylene Glycol 15-35 %
   107-21-1 Ethylene Glycol 5-10 %
   STOT RE, H373; Acute Tox 4, H302
   1332-58-7 Kaolin STOT SE 3, H335 <= 2.5%
   7632-00-0 Sodium Nitrite STOT SE 3, H301, Acute Tox 3, H302, Aquatic Acute 1, H400 <= 2.5%
   110-91-8 Morpholine Flam Liq 3, H226: Skin Corr 1B, H314, Acute Tox 4, H302, Acute Tox 4, H312: Acute Tox 4, H332 <= 2.5%
   11138-66-2 Xanthan Gum Flam Explos <= 2.5%

Chemical safety assessment: Has not been carried out

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**Section 16 - Other Information:**

Revised: 11/18/19
Supersedes: 6/25/15
Additional Comments: None

**Abbreviations and acronyms:**
ADR - Accord européen sur transport des marchandises dangereuses par Route (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 Abstract Service (division of the American Chemical Society)
NFPA - National Fire Protection Association (USA)
HMIS - Hazard Materials Identification System (USA)
VOC - Volatile Organic Compounds (USA, EU)
LC50 - Lethal concentration, 50%
LD50 - Lethal dose, 50%
Ox, Sol 3 - Oxidizing Solids, Hazard Category 3
Acute Tox 3 - Acute toxicity, Hazard Category 3
Acute Tox 4 - Acute toxicity, Hazard Category 4
Eye Irrit 2B - Serious eye damage/eye irritation, Hazard Category 2B
STOT RE 2 - Specific target organ toxicity - Repeated exposure, Hazard Category 2
Aquatic Acute 1 - Hazardous to the aquatic environment - Acute Hazard, Category 1

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