SECTION 1: IDENTIFICATION

Product identifier	OPTI-902 General-Purpose Wash-Up
Product code	OPTI-902
Other means of identification	Screen wash-up thinner (T-902)
Chemical type	Mixture - toluene / ketone / alcohol / glycol ether
Recommended use	General-purpose screen and equipment wash-up for Champion solvent inks.
Restrictions on use	For industrial and professional screen-printing use only (ink reducer / retarder / wash-up auxiliary). Not a consumer product; not for any use involving direct or prolonged skin contact. Use only with adequate ventilation.
Manufacturer / supplier	Champion Inks 200 S. Newman Street, Unit 4 & 5, Hackensack, NJ 07601, USA
Telephone / web	+1 (302) 667-6096 - www.championinks.com - web@championinks.com
Emergency telephone (24-hr)	CHEMTREC - USA / Canada: +1-800-424-9300 - International: +1-703-527-3887 - Contract CCN863598

SECTION 2: HAZARD(S) IDENTIFICATION

OSHA HCS / GHS classification	Flammable Liquid Category 2 (H225); Reproductive Toxicity Category 2 (H361d); Aspiration Toxicity Category 1 (H304); Skin Irritation Category 2 (H315); Eye Irritation Category 2A (H319); STOT SE 3 (H336).
Signal word	DANGER
Pictograms	GHS02 (flame); GHS08 (health hazard); GHS07 (exclamation mark)
Hazard statements	H225 Highly flammable liquid and vapor. H361d Suspected of damaging the unborn child. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.
Precautionary - prevention	P210 Keep away from heat/sparks/open flames - No smoking. P233 Keep container tightly closed. P240 Ground/bond containers. P201 Obtain special instructions. P260 Do not breathe vapors. P280 Wear protective gloves and eye/face protection.
Precautionary - response / storage / disposal	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331 Do NOT induce vomiting. P308+P313 IF exposed or concerned: Get medical advice. P370+P378 In case of fire: Use foam/dry chemical/CO2. P501 Dispose of per regulations.
Unknown acute toxicity	None; components are disclosed in Section 3.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Wt %	GHS classification of component
Toluene	108-88-3	50 - 60	Flam. Liq. 2 (H225); Repr. 2 (H361d); Asp. Tox. 1 (H304); Skin Irrit. 2 (H315); STOT SE 3 (H336)
Acetone	67-64-1	20 - 25	Flam. Liq. 2 (H225); Eye Irrit. 2A (H319); STOT SE 3 (H336)
Isopropyl alcohol (2-propanol)	67-63-0	10 - 30	Flam. Liq. 2 (H225); Eye Irrit. 2A (H319); STOT SE 3 (H336)
Propylene glycol monomethyl ether (PM)	107-98-2	1 - 10	Flam. Liq. 3 (H226)

Current standard formulation: toluene / acetone / IPA / PM. Highly flammable. Toluene contributes reproductive hazard (H361d, unborn child), Prop 65 (developmental) and aspiration (H304). (This SDS describes the current standard formulation; any alternate build under this code requires its own classification review.)

SECTION 4: FIRST-AID MEASURES

Inhalation	Remove to fresh air. Give oxygen if breathing is difficult. Get medical attention if symptoms persist.

Skin contact	Remove contaminated clothing; wash with soap and water. Get medical attention if irritation develops. Launder clothing before reuse.
Eye contact	Rinse cautiously with water for at least 15 minutes; remove contact lenses if easy; continue rinsing. Get medical attention.
Ingestion	Do NOT induce vomiting. Rinse mouth. Get immediate medical attention.
Most important symptoms / effects	Highly flammable; suspected reproductive toxicant (unborn child); aspiration hazard; skin/eye irritation; narcotic effects.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media	Foam, dry chemical, carbon dioxide or water fog.
Unsuitable extinguishing media	Do not use a solid water stream (may spread fire).
Specific hazards	Flammable/combustible liquid and vapor. Vapors are heavier than air and may travel to an ignition source and flash back. Combustion produces oxides of carbon.
Special protective equipment	NIOSH-approved SCBA and full protective gear.
Flash point	Below 73 deg F (23 deg C) - Flammable Liquid Category 2. [Range of components ~4-45 deg F; DERIVED/ESTIMATED - finished-product flash verification pending. The conservative Cat-2 determination is retained.]

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Eliminate ignition sources; ventilate; wear PPE; avoid breathing vapors and skin/eye contact.
Environmental precautions	Prevent entry into drains, sewers and waterways.
Containment and cleanup	Absorb with inert absorbent; place in a closed, labeled container for disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Use with adequate ventilation; avoid breathing vapors and skin/eye contact. Ground and bond containers when transferring. Keep away from heat, sparks and open flame - No smoking.
Conditions for safe storage	Store in a cool, dry, well-ventilated area away from ignition sources and oxidizers; keep containers tightly closed.
Incompatible materials	Strong oxidizers, strong acids and strong bases.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Component (CAS)	OSHA PEL	ACGIH TLV	NIOSH REL
Toluene (108-88-3)	200 ppm TWA (300 ppm ceiling; 500 ppm 10-min peak)	20 ppm TWA	100 ppm TWA / 150 ppm STEL
Acetone (67-64-1)	1000 ppm TWA	250 ppm TWA / 500 ppm STEL	250 ppm TWA
Isopropyl alcohol (67-63-0)	400 ppm TWA	200 ppm TWA / 400 ppm STEL	400 ppm TWA / 500 ppm STEL
Propylene glycol monomethyl ether (PM) (107-98-2)	None established	50 ppm TWA / 100 ppm STEL	None established

Engineering controls	Local exhaust and general ventilation to keep vapor below the limits above; use explosion-proof equipment for flammable grades.
Respiratory protection	NIOSH-approved organic-vapor respirator if limits are exceeded or ventilation is inadequate.
Eye / face protection	Chemical safety goggles.
Skin protection	Chemical-resistant (nitrile) gloves and protective clothing; verify breakthrough time.
General hygiene	Wash hands before eating/drinking/smoking; launder contaminated clothing before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value	Property	Value
Physical state	Liquid	Flash point	< 73 deg F (Cat 2) [derived/estimated; verification pending]
Color	Clear to pale	Relative density	~ 0.82
Odor	Solvent	Vapor density	Heavier than air
Solubility in water	Partially soluble	VOC	Essentially 100% (solvent auxiliary)
Flammability	Highly flammable liquid (Cat 2)	Boiling range	~ 56-111 deg C

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None under normal use.
Conditions to avoid	Heat, sparks, open flame and ignition sources.
Incompatible materials	Strong oxidizers, acids and bases.
Hazardous decomposition products	Oxides of carbon and irritating vapors on combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure	Inhalation of vapor; skin and eye contact; ingestion.
Acute toxicity	Highly flammable; suspected reproductive toxicant (unborn child); aspiration hazard; skin/eye irritation; narcotic effects.
Skin corrosion / irritation	Causes skin irritation.
Serious eye damage / irritation	Causes serious eye irritation.
Reproductive toxicity	Contains toluene (Repr. 2, H361d) - suspected of damaging the unborn child.
Carcinogenicity	Toluene is not an IARC/NTP carcinogen; it is Prop 65-listed for developmental toxicity.
STOT / aspiration	Asp. Tox. 1; STOT SE 3.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Toluene is harmful to aquatic life; avoid release.
Persistence and degradability	Component-dependent.
Bioaccumulative potential	Low.
Mobility in soil	Mobile.
Other adverse effects	None known.

OSHA does not enforce the content of Sections 12-15, but they are required to maintain the GHS 16-section order.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods	Determine waste classification at the time of disposal in accordance with applicable federal, state and local requirements. Evaluate the actual waste stream for ignitability (D001) and any applicable listed-waste criteria (e.g. F003/F005 for spent toluene/acetone). Dispose of through a licensed contractor.
Contaminated packaging	Empty containers retain residue; dispose of per regulations.

SECTION 14: TRANSPORT INFORMATION

US DOT (49 CFR)	UN1993, Flammable liquid, n.o.s. (toluene, acetone), Class 3, PG II.
IATA / IMDG	UN1993, Class 3, PG II.
Special precautions	Keep away from ignition sources during transport.

SECTION 15: REGULATORY INFORMATION

US TSCA inventory	All components are listed on, or exempt from, the TSCA Inventory.
SARA 311/312 hazard categories	Flammable liquid (physical); reproductive/acute (health) hazard.
SARA 313 (EPCRA)	Toluene is EPCRA 313-listed - report if the facility threshold is exceeded.
California Proposition 65	Sold for industrial/professional use only. This product contains toluene, a chemical known to the State of California to cause reproductive/developmental toxicity. The presence of a listed chemical does not by itself establish that a warning is required for a given exposure; Champion Inks does not provide a consumer safe-harbor warning and the downstream user must determine its own Proposition 65 obligations based on actual exposure.
State Right-to-Know	Toluene, acetone, IPA may appear on NJ/PA/MA Right-to-Know lists.

SECTION 16: OTHER INFORMATION

Prepared by	Luis Uribe - Champion Inks (Regulatory / EHS)
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Revision history	Rev 1.0 (2026-11-24): First issue under the Champion Inks brand.

Disclaimer: The information herein is believed to be accurate and is provided in good faith but without warranty of any kind. The user is responsible for determining suitability and compliance with all applicable regulations. --- End of Safety Data Sheet