



## COCKTAILS FOR LSC

Hidex provides high performance scintillation cocktails tested to give optimum performance with Hidex scintillation counters Hidex 300SL, Hidex 600SL and Hidex Triathler for aqueous, lipophilic, filter counting, alpha beta separation, general beta counting and low level applications. NPE free liquid scintillation cocktails are also available.

# Hidex MaxiLight+

Hidex MaxiLight+ cocktail is a lipophilic, unquenched, DIN based cocktail with highest counting efficiency for organic and non-aqueous samples like bio-oils, dry samples, dried filters and for extraction of Rn-222 from water. MaxiLight+ has best alpha-beta separation efficiency. MaxiLight+ cannot be used for water samples or samples with any moisture.

## Properties

- High performance cocktail for organic samples, biofuels and dried filters
- Excellent  $\alpha/\beta$ -counting properties
- Optimum for Rn-222 counting with extractive method
- Does not accept any water or moisture
- NPE free
- Safe
- High flash point
- Odourless
- Low permeability through plastic vials



High performance cocktail for organic samples, bio-fuels and counting of dried filters. Excellent  $\alpha/\beta$ -counting properties and optimum for Rn-222 counting with extractive method. Does not accept any water or moisture.

**Product information:** Specifically designed for high efficiency sample counting of organic samples. Safe, odourless, high counting efficiency, low permeation through plastic vials.

**Contains:** No NPE's (Nonylphenol Ethoxylates) EU WFD 2000/60/EC.

**KEEP TIGHTLY CLOSED. PROTECT FROM SUNLIGHT. STORE AT OR SLIGHTLY BELOW ROOM TEMPERATURE.**



CATALOGUE NO.  
CONTENTS (LITER):

461-003 461-015

**1 5**

FOR LABORATORY RESEARCH USE ONLY

H316 Causes skin irritation. H318 Causes serious eye damage. P264 Wash ... thoroughly after handling. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302-P352 IF ON SKIN: Wash with plenty of water. P305-P351-P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337-P313 If eye irritation persists: Get medical advice/attention.

H316 Verursacht Hautirritationen. H318 Verursacht schwere Augenschäden. P264 Nach Gebrauch ... gründlich waschen. P280 Schutzhandschuhe/Schutzkleidung/Augenschutz/Gesichtsschutz tragen. P302-P352 BEI BERÜHRUNG MIT DER HAUT: Mit viel Wasser/...waschen. P305-P351-P338 BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser ausspülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. P337-P313 Bei anhaltender Augenreizung: Ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen.

H316 Provoque une irritation cutanée. H318 Provoque des lésions oculaires graves. P264 Se laver ... soigneusement après manipulation. P280 Porter des gants de protection/des vêtements de protection/un équipement de protection des yeux/ du visage. P302-P352 EN CAS DE CONTACT AVEC LA PEAU: Laver abondamment à l'eau. P305-P351-P338 EN CAS DE CONTACT AVEC LES YEUX: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer. P337-P313 Si l'irritation oculaire persiste: Consulter un médecin.

H316 Provoca irritazione cutanea. H318 Provoca gravi lesioni oculari. P264 Lavare accuratamente ... dopo l'uso. P280 Indossare guanti/indumenti protettivi/Proteggere gli occhi/il viso. P302-P352 IN CASO DI CONTATTO CON LA PELLE: Lavare abbondantemente con acqua. P305-P351-P338 IN CASO DI CONTATTO CON GLI OCCHI: Sciacquare accuratamente per parecchi minuti. Togliere le eventuali lenti a contatto se è agevole farlo. Continuare a sciacquare. P337-P313 Se l'irritazione degli occhi persiste: Consultare un medico.

H316 Provoca irritación cutánea. H318 Provoca lesiones oculares graves. P264 Lavarse ... concienzudamente tras la manipulación. P280 Llevar guantes/prendas/gafas/máscara de protección. P302-P352 EN CASO DE CONTACTO CON LA PIEL: Lavar con abundante agua. P305-P351-P338 EN CASO DE CONTACTO CON LOS OJOS: Aclarar cuidadosamente con agua durante varios minutos. Quitar las lentes de contacto, si lleva y resulta fácil. Seguir aclarando. P337-P313 Si persiste la irritación ocular: Consultar a un médico.

Manufactured by Actchem Ltd. • 030 000 2100 • Certificate No. 02/1089  
HIDEX • Lemminkäisenkatu 62 • FIN-20520 TURKU • Tel. +358 10 843 5570 • www.hidex.com

## Ordering Info

Cat. No.	461-003	MaxiLight+	1 L plastic bottle
Cat. No.	461-015	MaxiLight+	5 L plastic bottle

## Storage

Store at or slightly below room temperature (15-25°C) in chemical storage cabinet. Keep container tightly sealed. Protect from light.

## Transport information

UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S (Di-isopropyl-naphthalene isomers)  
(IATA DGR: NOT RESTRICTED AS PER SPECIAL PROVISION A197)

# Hidex AquaLight+

Hidex AquaLight+ is a general-purpose high safety scintillation cocktail for aqueous and non-aqueous samples, for both general beta counting and alpha-beta separation applications. AquaLight+ is a DIN based cocktail capable of handling a broad range of solutes, combining high counting efficiency and low background with a very high level of sample acceptance, particularly for high ionic strength solutes.

## Properties

- Water-dissolving DIN cocktail for general beta counting and  $\alpha/\beta$  separation applications
- High sample capacity, low background and high counting efficiency
- Solubility up to 12 ml water in 10 ml cocktail
- Compatible with urine samples and samples with high mineral acid concentrations.
- Good  $\alpha/\beta$ -counting properties
- No diffusion through plastic vials ensures stable repeatable counting
- High flash point of ~140°C increases safety
- REACH regulations classify NPEs used in this cocktail as SVHC's (Substances of Very High Concern) and therefore this cocktail is available for research use only.
- Disposal by incineration only

**General purpose cocktail for aqueous samples with high sample capacity, low background and high counting efficiency. Compatible with urine samples and samples with high mineral acid concentrations. Good  $\alpha/\beta$ -counting properties.**

**Product information:** Low background, high counting efficiency. Colour & quench resistant. Low permeation through plastic vials.

**KEEP TIGHTLY CLOSED. PROTECT FROM SUNLIGHT. STORE AT OR SLIGHTLY BELOW ROOM TEMPERATURE.**

**DANGER**

CATALOGUE NO.	CONTENTS (LITER):
461-004	1
461-006	5

FOR LABORATORY RESEARCH USE ONLY

EN: H504 May be fatal if swallowed and enters airways. H302 Causes skin irritation. H331 Causes eye irritation. H403 May cause long-term harmful effects to aquatic life. P201 Do not breathe vapour. P273 Do not release to the environment. P280 Wear protective gloves/protective clothing/protective eyewear or protection. P301+P312 IF SWALLOWED, immediately call a POISON CENTER or doctor/physician. P302+P352 IF ON SKIN Wash with plenty of water. P303+P361+P353 IF IN EYES, rinse copiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P304+P340 If you feel dizziness, drowsiness or headache, get fresh air. P305+P351+P338 IF IN EYES, hold eyelids open. P308+P313 IF irritation occurs, get medical advice/attention. P310 Get medical attention. P311 Get medical attention. P312 If irritation persists, get medical advice/attention. P313 If irritation persists, get medical advice/attention. P314 Dispose of contents/container in accordance with local/regional/national/international regulations.

DE: H504 Kann bei Verschlucken und Eindringen in die Atemwege tödlich sein. H302 Verursacht Hautirritationen. H331 Verursacht Augenirritation. H403 Kann bei Verschlucken und Eindringen in die Aquarienwelt schädlich sein, mit langfristiger Wirkung. P201 (Achtung) Haut/Schutzkleidung/Handschuhe/Arbeitskleidung/Schutzbrille/Schutzschuhe tragen. P273 Umweltschädlich. P280 Schutzhandschuhe/Schutzkleidung/Arbeitskleidung/Schutzbrille/Schutzschuhe tragen. P301+P312 BEI VERSCHLUTKEN Rufen Sie ein GIFTZENTRUM, Ihren Arzt oder einen Apotheker an. P302+P352 BEI BERÜHRUNG MIT DER HAUT Mit viel Wasser waschen. P303+P361+P353 BEI KONTAKT MIT DEN AUGEN Einige Minuten lang behutsam mit Wasser ausspülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. P304+P340 Bei Schwindel, Schläfrigkeit oder Kopfschmerzen frische Luft einatmen. P305+P351+P338 BEI AUGENKONTAKT Augen sofort gründlich mit Wasser abspülen. Kontaktlinsen, falls vorhanden, entfernen. P308+P313 Bei Irritation: Ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen. P310 Bei Irritation: Ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen. P311 Bei Irritation: Ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen. P312 Bei Irritation: Ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen. P313 Bei Irritation: Ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen. P314 Entsorgung des Inhalts / Behälters gemäß nationaler Vorschriften bzw. Gesetz.

FR: H504 Peut être mortel en cas d'ingestion et de pénétration dans les voies respiratoires. H302 Provoque une irritation cutanée. H331 Provoque une irritation oculaire. H403 Peut être nocif à long terme pour les organismes aquatiques. P201 Ne pas respirer les vapeurs/aérosols/les gaz/brouillards/vapeurs/aérosols. P273 Éviter le rejet dans l'environnement. P280 Porter des gants de protection/les vêtements de protection/les équipements de protection des yeux/du visage. P301+P312 EN CAS D'INGESTION Appeler immédiatement un CENTRE ANTIPOISON ou un médecin. P302+P352 EN CAS DE CONTACT AVEC LA PEAU Laver abondamment à l'eau. P303+P361+P353 EN CAS DE CONTACT AVEC LES YEUX Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer. P304+P340 Si vous ressentez du malaise, allez dans un endroit frais. P305+P351+P338 EN CAS D'IRRITATION DES YEUX Tenir les yeux ouverts pendant plusieurs minutes. Rincer les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer. P308+P313 En cas d'irritation cutanée, consulter un médecin. P310 En cas d'irritation cutanée persistante, consulter un médecin. P311 Estimer les dangers du contenu/réceptacle en accord avec la réglementation locale ou nationale. P312 En cas d'irritation cutanée persistante, consulter un médecin. P313 Estimer les dangers du contenu/réceptacle en accord avec la réglementation locale ou nationale.

IT: H504 Può essere letale in caso di ingestione e di penetrazione nelle vie respiratorie. H302 Provoca irritazione cutanea. H331 Provoca irritazione oculare. H403 Può essere nocivo per gli organismi acquatici con effetti a lungo termine. P201 Non respirare le polveri/aerosol/fumi/gas/brouillards/vapour/aérosols. P273 Evitare il regeto nell'ambiente. P280 Indossare i guanti di protezione/indossare i vestiti di protezione/indossare gli equipaggiamenti di protezione per gli occhi/la faccia. P301+P312 IN CASO DI INGESTIONE Chiamare immediatamente un CENTRO ANTIPISONI o un medico. P302+P352 IN CASO DI CONTATTO CON LA PELLE Lavare abbondantemente con acqua. P303+P361+P353 IN CASO DI CONTATTO CON GLI OCCHI Risciacquare accuratamente per parecchie minuti. Togliere le eventuali lenti a contatto se è agevole farlo. Continuare a sciacquare. P304+P340 Se si avverte disagio, recarsi in un luogo fresco. P305+P351+P338 IN CASO DI IRRITAZIONE OCULARE Tenere gli occhi aperti per diverse minuti. Risciacquare con acqua. P308+P313 In caso di irritazione della pelle, consultare un medico. P310 In caso di irritazione degli occhi persistente, consultare un medico. P311 Stimolare il prodotto/ricepiente in accordo con le leggi nazionali vigenti. P312 In caso di irritazione cutanea persistente, consultare un medico. P313 Stimolare il prodotto/ricepiente in accordo con le leggi nazionali vigenti.

ES: H504 Puede ser mortal en caso de ingestión y penetración en las vías respiratorias. H302 Provoca irritación cutánea. H331 Provoca irritación ocular. H403 Puede ser nocivo para los organismos acuáticos, con efectos nocivos duraderos. P201 No respirar las polveras/aerosoles/gases/brouillards/vapores/aerosols. P273 Evitar el vertido al medio ambiente. P280 Usar guantes/protección facial/mascarilla de protección. P301+P312 EN CASO DE INGESTIÓN Llamar inmediatamente a un CENTRO ANTIPOISON o al médico. P302+P352 EN CASO DE CONTACTO CON LA PIEL Lavar con abundante agua. P303+P361+P353 EN CASO DE CONTACTO CON LOS OJOS. Acquiescer cuidadosamente con agua durante varios minutos. Quitar las lentes de contacto, si es posible. Seguir aclarando. P304+P340 Si se avienta malestar, ir a un lugar fresco. P305+P351+P338 EN CASO DE IRRITACION OCULAR. Mantener los ojos abiertos durante varios minutos. Rinciar con agua. P308+P313 En caso de irritación cutánea, consultar a un médico. P310 Si persiste la irritación ocular, consultar a un médico. P311 Estimar el contenido/receptáculo de acuerdo con las regulaciones locales y nacionales. P312 En caso de irritación cutánea persistente, consultar a un médico. P313 Estimar el contenido/receptáculo de acuerdo con las regulaciones locales y nacionales.

## Ordering Info

Cat. No.	461-004	AquaLight+	1 L plastic bottle
Cat. No.	461-006	AquaLight+	5 L plastic bottle

## Storage

Store at or slightly below room temperature (15-25°C) in chemical storage cabinet. Keep container tightly sealed. Protect from light.

## Transport information

UN3082, 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (Contains Di-isopropyl-naphthalene isomers, 4-Nonyl phenol, branched ethoxylated)  
(IATA DGR: NOT RESTRICTED AS PER SPECIAL PROVISION A197)

# Hidex AquaLight+ Ultra Low Level

Hidex AquaLight+ Ultra Low Level cocktail is water-dissolving DIN based cocktail with highest performance for low level tritium counting, high sample capacity, ultra low background and high efficiency at low temperatures.

## Properties

- Water-dissolving high performance cocktail for low level tritium counting
- High sample capacity, ultra low background and high counting efficiency at low temperatures
- Solubility up to 12 ml water in 10 ml cocktail
- Stable at temperatures down to 12°C for sub-ambient counting
- Compatible with urine samples and samples with high mineral acid concentrations.
- Good  $\alpha/\beta$ -counting properties
- No diffusion through plastic vials ensures stable repeatable counting
- High flash point of ~140°C increases safety
- REACH regulations classify NPEs used in this cocktail as SVHC's (Substances of Very High Concern) and therefore this cocktail is available for research use only.
- Disposal by incineration only



**AquaLight+ Ultra Low Level**

FOR LABORATORY RESEARCH USE ONLY

H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H330 Causes eye irritation. H400 May cause long-lasting harmful effects to aquatic life. P201 Do not breathe vapour. P273 Avoid release to the environment. P280 Wear suitable protective clothing, gloves and eye/face protection. P301-P310 IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. P302-P352 IF ON SKIN: Wash with plenty of water. P303-P361-P353 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P304 Do not induce vomiting. P305-P351-P338 In case of eye irritation: Seek medical advice/attention. P307-P313 In case of eye irritation persists: Get medical advice/attention. P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

H304 Kann bei Verschlucken und Eindringen in die Atemwege tödlich sein. H315 Verursacht Hautirritation. H330 Verursacht Augenirritation. H400 Kann für Wasserorganismen schädlich sein, mit langfristigen Wirkungen. P201 Kleidung/Schutzkleidung/Augenschutz/Beschutzbrille tragen. P273 Freisetzung in die Umwelt vermeiden. P301-P310 Schutzhandschuhe/Schutzkleidung/Augenschutz/Beschutzbrille tragen. P302-P352 BEI BERÜHRUNG MIT DER HAUT: Mit viel Wasser/Waschen. P303-P361-P353 BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser ausspülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. P304-P351-P338 Im Falle einer Augenirritation: Ärztliche Hilfe anfordern / ärztliche Hilfe hinzuziehen. P307-P313 Bei anhaltender Augenirritation: Ärztlichen Rat einholen / ärztliche Hilfe hinzuziehen. P501 Entsorgung des Inhalts / Behälters gemäß nationaler Vorschriften bzw. Gesetzen.

H304 Peut être mortel en cas d'ingestion et de pénétration dans les voies respiratoires. H315 Provoque une irritation cutanée. H330 Provoque une irritation oculaire. H400 Peut être nocif à long terme pour les organismes aquatiques. P201 Ne pas respirer les poussières/fumées/gaz/aérosols/vapeurs. P273 Éviter la rejet dans l'environnement. P280 Porter des gants de protection/des vêtements de protection/un équipement de protection des yeux/du visage. P301-P310 EN CAS D'INGESTION: Appeler immédiatement un CENTRE ANTIPOISON ou un médecin. P302-P352 EN CAS DE CONTACT AVEC LA PEAU: Laver abondamment à l'eau. P303-P361-P353 EN CAS DE CONTACT AVEC LES YEUX: rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer. P304-P351-P338 En cas d'irritation oculaire: consulter un médecin. P307-P313 Si l'irritation oculaire persiste: consulter un médecin. P501 Élimination des contenants/réceptifs en accord avec la réglementation locale et/ou nationale.

H304 Può essere letale in caso di ingestione e di penetrazione nelle vie respiratorie. H315 Provoca irritazione cutanea. H330 Provoca irritazione oculare. H400 Può essere nocivo per gli organismi acquatici con effetti di lunga durata. P201 Non respirare la polvere/fumi/gas/la nebbia/vapori/gli aerosol. P273 Non disperdere nell'ambiente. P280 Indossare opportuni indumenti protettivi/Proteggere gli occhi/il viso. P301-P310 IN CASO DI INGESTIONE: chiamare immediatamente un CENTRO ANTIVENO o un medico. P302-P352 IN CASO DI CONTATTO CON LA PELLE: lavare abbondantemente con acqua. P303-P361-P353 IN CASO DI CONTATTO CON GLI OCCHI: sciacquare accuratamente per parecchi minuti. Togliere le eventuali lenti a contatto se è agevole farlo. Continuare a sciacquare. P304-P351-P338 In caso di irritazione della pelle: consultare un medico. P307-P313 Se l'irritazione degli occhi persiste, consultare un medico. P501 Smaltire il prodotto/recipiente in accordo con le leggi nazionali vigenti.

High performance cocktail for low level tritium counting with high sample capacity, ultra low background and high counting efficiency at low temperatures.

Product information: Low background, high counting efficiency. Colour & quench resistant. Low permeation through plastic vials

**KEEP TIGHTLY CLOSED. PROTECT FROM SUNLIGHT. STORE AT OR SLIGHTLY BELOW ROOM TEMPERATURE.**

**DANGER**



CATALOGUE NO. 461-007

CONTENTS (LITER): **5**

## Ordering Info

Cat. No. 461-007 AquaLight+ Ultra Low Level 5 L plastic bottle

## Storage

Store at or slightly below room temperature (15-25°C) in chemical storage cabinet. Keep container tightly sealed. Protect from light.

## Transport information

UN3082, 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (Contains Di-isopropylNaphthalene isomers, 4-Nonyl phenol, branched ethoxylated)  
(IATA DGR: NOT RESTRICTED AS PER SPECIAL PROVISION A197)

# Hidex AquaLight AB

Hidex AquaLight AB is a water-dissolving DIN based cocktail for alpha-beta separation applications, such as direct detection of Rn-222 in water or gross alpha-beta measurements with good alpha-beta separation efficiency. Solubility up to 6.5 mL water in 13.5 mL cocktail.

## Properties

- Water-dissolving DIN cocktail for  $\alpha/\beta$  separation applications
- High alpha-beta separation efficiency
- Solubility up to 6.5 ml water in 13.5 ml cocktail
- Good  $\alpha/\beta$ -counting properties
- No diffusion through plastic vials ensures stable repeatable counting
- No REACH regulations classify NPEs used in this cocktail as SVHC's (Substances of Very High Concern) therefore this cocktail is available for research use only.
- Disposal by incineration only



**AquaLight AB is high performance DIN based LSC cocktail for aqueous and non-aqueous samples. Accepts up to 6.5 ml water in 13.5 ml cocktail at 20 °C Optimized for  $\alpha/\beta$  separation.**

**Product information:** Odourless, colour and quench resistant. Low photo and chemiluminescence.

**Contains:** Diisopropyl naphthalene isomers.

**KEEP TIGHTLY CLOSED. PROTECT FROM SUNLIGHT. STORE AT OR SLIGHTLY BELOW ROOM TEMPERATURE.**



CATALOGUE NO.  
CONTENTS (LITER):

461-021    461-020  
**1**        **5**

FOR LABORATORY RESEARCH USE ONLY

**H004** May be fatal if swallowed and enters airways. **H016** Causes skin irritation. **H019** Causes serious eye irritation. **H400** Very toxic to aquatic life with long lasting effects. **H410** Toxic to aquatic life with long lasting effects. **P273** Avoid release to the environment. **P280** Wear protective gloves/protective clothing/eye protection/face protection. **P301 + P310** IF SWALLOWED: Immediately call a POISON CENTRE / DOCTOR. **P303+P361+P353** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. **P305+P351+P338** IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. **P501** Dispose of contents / container in accordance with local/national regulations.

**H004** Kann bei Verschlucken und Eindringen in die Atemwege tödlich sein. **H016** Verursacht Hautreizungen. **H019** Verursacht schwere Augenreizung. **H400** Sehr giftig für Wasserorganismen mit langfristiger Wirkung. **P273** Freisetzung in die Umwelt vermeiden. **P280** Schutzhandschuhe/Schutzkleidung/Augenschutz/Gesichtsschutz tragen. **P301+P310** BEI VERSCHLUCKEN: Sofort GIFTINFORMATIONSZENTRUM oder Arzt anrufen. **P303+P361+P353** BEI BERÜHRUNG MIT DER HAUT (oder dem Haar): Alle kontaminierten Kleidungsstücke sofort ausziehen. Haut mit Wasser abwaschen/duschen. **P305+P351+P338** BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser ausspülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. **P501** Entsorgung des Inhalts / Behälters gemäß nationalen Vorschriften bzw. Gesetzen.

**H004** Peut être mortel en cas d'ingestion et de pénétration dans les voies respiratoires. **H016** Provoque une irritation cutanée. **H019** Provoque une sévère irritation des yeux. **H400** Très toxique pour les organismes aquatiques, entraîne des effets néfastes à long terme. **P273** Éviter le rejet dans l'environnement. **P280** Porter des gants de protection/des vêtements de protection/un équipement de protection des yeux/du visage. **P301+P310** EN CAS D'INGESTION: Appeler immédiatement un CENTRE ANTIPOISON ou un médecin. **P303+P361+P353** EN CAS DE CONTACT AVEC LA PEAU (ou les cheveux): Enlever immédiatement les vêtements contaminés. Rincer la peau à l'eau/àe doucher. **P305+P351+P338** EN CAS DE CONTACT AVEC LES YEUX: Rincer avec précaution à l'eau pendant plusieurs minutes.lever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer. **P501** Elimination des contenus/récipients en accord avec la réglementation locale et/ou nationale.

**H004** Puede ser mortal en caso de ingestión y penetración en las vías respiratorias. **H016** Provoca irritación cutánea. **H019** Provoca irritación ocular grave. **H400** Muy tóxico para los organismos acuáticos, con efectos nocivos duraderos. **P273** Evitar su liberación al medio ambiente. **P280** Usar guantes/prendas/protector facial/máscara de protección. **P301+P310** EN CASO DE INGESTIÓN: Llamar inmediatamente a un CENTRO DE INFORMACIÓN TOXICOLÓGICA o a un médico. **P303+P361+P353** EN CASO DE CONTACTO CON LA PIEL (o el pelo): Quitarse inmediatamente las prendas contaminadas. Aclararse la piel con agua/ducharse. **P305+P351+P338** EN CASO DE CONTACTO CON LOS OJOS: Aclarar cuidadosamente con agua durante varios minutos. Quitar las lentes de contacto, si lleva y resulta fácil. Seguir aclarando. **P501** Eliminación del contenido/recipiente de acuerdo con las regulaciones locales y nacionales.

**H004** Può essere letale in caso di ingestione e di penetrazione nelle vie respiratorie. **H016** Provoca irritazione cutanea. **H019** Provoca grave irritazione oculare. **H400** Molto tossico per gli organismi acquatici, con effetti nocivi duraturi. **P273** Non disperdere nell'ambiente. **P280** Indossare guanti/indumenti protettivi/Proteggere gli occhi/il viso. **P301+P310** IN CASO DI INGESTIONE: Contattare immediatamente un CENTRO ANTIVELENI o un medico. **P303+P361+P353** IN CASO DI CONTATTO CON LA PELLE (o con i capelli): Togliere di dosso immediatamente tutti gli indumenti contaminati. Sciogliere la pelle/face una doccia. **P305+P351+P338** IN CASO DI CONTATTO CON GLI OCCHI: Sciogliere accuratamente per parecchi minuti. Togliere le eventuali lenti a contatto se è agevole farlo. Continuare a sciogliere. **P501** Smaltire il prodotto/ricepiente in accordo con le leggi nazionali vigenti.

Manufactured by Actonchem Ltd • 8100/2019 Certificate No. 01/009  
HIDEX • Lemminkäisenkatu 62 • FIN-20520 Turku • Tel. +358 10 843 5570 • www.hidex.com

## Ordering Info

Cat. No.	461-021	AquaLight AB	1 L plastic bottle
Cat. No.	461-020	AquaLight AB	5 L plastic bottle

## Storage

Store at or slightly below room temperature (15-25°C) in chemical storage cabinet. Keep container tightly sealed. Protect from light.

## Transport information

UN3082, 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE LIQUID, N.O.S. (Contains Di-isopropyl naphthalene isomers, 4-Nonyl phenol, branched ethoxylated)  
(IATA DGR: NOT RESTRICTED AS PER SPECIAL PROVISION A197)







# Oxidizer 600 OX Tritium

Oxidizer 600 OX Tritium is a complete liquid scintillation cocktail for trapping and counting tritium-water from combustion systems. This cocktail is an NPE free pseudocumene based LSC cocktail especially for the Hidex 600 OX Oxidizer. The cocktail is designed to accept water from sample oxidisers without foaming or gelling and produces a stable microemulsion suitable for LSC counting.

## Properties

- High volume water capacity, accepts up to 6 ml of water into 10 ml of cocktail
- High tritium counting efficiency
- No foaming
- NPE free
- Disposal by incineration only



A liquid scintillation cocktail for counting tritium produced from sample oxidation. To be used with Hidex 600 OX Oxidizer.

**Product information:** Accepts up to 6 ml of water into 10 ml of cocktail. NPE free.

**Storage information:** Keep tightly closed. Protect from sunlight. Store at or slightly below room temperature. Keep away from heat.

**KEEP AWAY FROM HEAT**  
**KEEP TIGHTLY CLOSED. PROTECT FROM SUNLIGHT. STORE AT OR SLIGHTLY BELOW ROOM TEMPERATURE.**

**DANGER**



CATALOGUE NO.

461-073

FOR LABORATORY RESEARCH USE ONLY

H228 Flammable liquid and vapour. H316 Causes skin irritation. H318 Causes serious eye damage. H332-H361-H373 Harmful if inhaled. May cause respiratory irritation. Toxic to aquatic life with long lasting effects. P201 Keep away from heat/sparks/open flames/hot surfaces – No smoking. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P303-P361-P353 IF ON SKIN (or hair): Remove/ take off immediately all contaminated clothing. Rinse skin with water/shower. P304-P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305-P351-P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

H228 Flüssigkeit und Dampf entzündbar. H316 Verursacht Hautirritationen. H318 Verursacht schwere Augenschäden. H332-H361-H373 Gesundheitsschädlich bei Einatmen. Kann die Atemwege reizen. Giftig für Wasserorganismen, mit langfristiger Wirkung. P201 Von Hitze, heißen Oberflächen, Funken, offenen Flammen sowie anderen Zündquellenarten fernhalten. Nicht rauchen. P273 Freisetzung in die Umwelt vermeiden. P280 Schutzhandschuhe/Schutzkleidung/Augenschutz/Gesichtsschutz tragen. P303-P361-P353 BEI BERÜHRUNG MIT DER HAUT (oder dem Haar): Alle kontaminierten Kleidungsstücke sofort ausziehen. Haut mit Wasser abwaschen/duschen. P304-P340 BEI EINATMEN: Die Person an die frische Luft bringen und für ungehinderte Atmung sorgen. P305-P351-P338 BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser ausspülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen.

H228 Liquide et vapeurs inflammables. H316 Provoque une irritation cutanée. H318 Provoque des lésions oculaires graves. H332-H361-H373 Nocif par inhalation. Peut irriter les voies respiratoires. Toxique pour les organismes aquatiques, entraîne des effets néfastes à long terme. P201 Tenir à l'écart de la chaleur, des surfaces chaudes, des étincelles, des flammes nues et de toute autre source d'inflammation. Ne pas fumer. P273 Éviter le rejet dans l'environnement. P280 Porter des gants de protection/des vêtements de protection/un équipement de protection des yeux/du visage. P303-P361-P353 EN CAS DE CONTACT AVEC LA PEAU (ou les cheveux): Enlever immédiatement tous les vêtements contaminés. Rincer la peau à l'eau/Se doucher. P304-P340 EN CAS D'INHALATION: transporter la personne à l'extérieur et la maintenir dans une position où elle peut confortablement respirer. P305-P351-P338 EN CAS DE CONTACT AVEC LES YEUX: rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer.

H228 Líquido e vapori infiammabili. H316 Provoca irritazione cutanea. H318 Provoca gravi lesioni oculari. H332-H361-H373 Nocivo se inalato. Può irritare le vie respiratorie. Tossico per gli organismi acquatici con effetti di lunga durata. P201 Tenere lontano da fonti di calore, superfici calde, scintille, fiamme libere o altre fonti di accensione. Non fumare. P273 Non disperdere nell'ambiente. P280 Indossare guanti/indumenti protettivi/Proteggere gli occhi/il viso. P303-P361-P353 IN CASO DI CONTATTO CON LA PELLE (o con i capelli): togliere immediatamente tutti gli indumenti contaminati. Sciocquare la pelle/fare una doccia. P304-P340 IN CASO DI INALAZIONE: trasportare l'infortunato all'aria aperta e mantenerlo a riposo in posizione che favorisca la respirazione. P305-P351-P338 IN CASO DI CONTATTO CON GLI OCCHI: sciocquare accuratamente per parecchi minuti. Togliere le eventuali lenti a contatto se è agevole farlo. Continuare a sciocquare.

H228 Líquidos y vapores inflamables. H316 Provoca irritación cutánea. H318 Provoca lesiones oculares graves. H332-H361-H373 Nocivo en caso de inhalación. Puede irritar las vías respiratorias. Tóxico para los organismos acuáticos, con efectos nocivos duraderos. P201 Mantener alejado del calor, de superficies calientes, de chispas, de flamas abiertas y de cualquier otra fuente de ignición. No fumar. P273 Evitar su liberación al medio ambiente. P280 Llevar guantes/prendas/gafas/máscara de protección. P303-P361-P353 EN CASO DE CONTACTO CON LA PIEL (o el pelo): Quitar inmediatamente todos los prendas contaminadas. Aclararse la piel con agua/fuente. P304-P340 EN CASO DE INHALACIÓN: transportar a la persona al aire libre y mantenerla en una posición que le facilite la respiración. P305-P351-P338 EN CASO DE CONTACTO CON LOS OJOS: Aclarar cuidadosamente con agua durante varios minutos. Quitar las lentes de contacto, si lleva y resulta fácil. Seguir aclarando.

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## Ordering Info

Cat. No. 461-073 Oxidizer 600 OX Tritium 1 L

Delivered in glass bottles, bottle size depends on order volume and transport method.

## Storage

Store at or slightly below room temperature (15-25°C) in chemical storage cabinet. Keep container tightly sealed. Protect from light.

## Transport information

UN1993 FLAMMABLE LIQUID, N.O.S. (1,2,4-Trimethylbenzene), ENVIRONMENTALLY HAZARDOUS