# Ingredients for the Sun Care Industry

Established in 1978, AMPAK Company, Inc. is a diverse Solutions Partner in the global sourcing of high-quality functional ingredients that can be used in a wide range of products across key industries. We have established strong supply relationships with key global manufacturers.

## **Sun Care Ingredients**

#### Avobenzone (INCI Name: Butyl Methoxydibenzoylmethane):

An oil soluble solid that absorbs UV-A rays up to 358 nm. Should be formulated with other UV-B filters to achieve a broad spectrum of coverage and maximum stability. Formulating with chelating agents will prevent metal complexes from forming. Maximum usage allowed is 3% in the US and is 5% in Canada.

#### Oxybenzone (INCI Name: Benzophenone-3):

An oil soluble solid that absorbs both UV-A and short-wave UV-B rays extending to less than 350 nm. Maximum usage level allowed is 6% in both the US and Canada.

#### Sulisobenzone (INCI Name: Benzophenone-4):

A water soluble solid that absorbs both UV-A and short-wave UV-B rays from 260 to 360 nm. Maximum usage level allowed is 10% in both the US and Canada.

#### Homosalate (INCI Name: Homosalate):

An oil soluble liquid that absorbs the full spectrum of UV-B rays from 290-320 nm. Maximum usage level allowed is 10% in both the US and Canada.

#### **Octocrylene (INCI Name: Octycrylene):**

An oil soluble liquid that absorbs the full spectrum of UV-B rays from 290-320 nm. Maximum usage level allowed is 10% in the US and is 12% in Canada.

#### Octyl Methoxycinnamate / Octinoxate (INCI Name: Ethylhexyl methoxycinnamate):

An oil soluble liquid that absorbs the full spectrum of UV-B rays from 290 to 320 nm. Maximum usage level allowed is 7.5% in the US and is 8.5% in Canada.

### Octyl Salicylate / Octisilate (INCI Name:Ethylhexyl salicylate):

An oil soluble liquid that absorbs the full spectrum of UV-B rays from 290 to 320 nm. Maximum usage level allowed is 5% in the US and is 6% in Canada.

Customer service and support are a top priority of AMPAK Company, Inc. We stand behind our products based on our strong international supply-chain affiliates, backed by a guarantee that our products will meet or exceed all expectations. Our Commercial Specialists across the U.S. can provide the customized solutions you need.

#### AMPAK COMPANY, INC.

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