



a WOW Lab

**BLUEPRINT**

**Saponification**

## Glossary

**caustic** - the property of a substance that causes corrosion.

**hydrophilic** - having a strong affinity for water.

**hydrophobic** - having no affinity for water.

**lye** - a mixture of sodium hydroxide and potassium hydroxide obtained from leached wood ash. Lye is the alkali used in traditional soap making.

**micelle** - a spherical aggregate in an aqueous solution, having a hydrophobic interior and a hydrophilic exterior.

**saponification** - the process of converting a fat into soap using a base (alkali).