

## OLFA B2177256

# OLFA SK-14 Self-Retracting Safety Utility Knife

**Model:** SK-14 (B2177256)

**Brand:** OLFA

## 1. INTRODUCTION

The OLFA SK-14 is a high-quality, self-retracting safety utility knife designed for various cutting tasks in professional and home environments. Its primary safety feature is the spring-activated blade that automatically retracts when pressure is released from the cutting surface, significantly reducing the risk of accidental cuts. Constructed from durable stainless steel, this knife is suitable for cutting materials such as corrugated cardboard, paper, shrink wrap, and more.

## 2. SAFETY INFORMATION

**WARNING: Blades are extremely sharp. Handle with extreme care. Always wear appropriate personal protective equipment (PPE) such as cut-resistant gloves and eye protection when handling or replacing blades.**

- Keep out of reach of children.
- Always ensure the blade is fully retracted when not in use.
- Do not attempt to modify the knife or its blade.
- Dispose of used blades safely in a designated blade disposal container.
- Apply pressure only when actively cutting. The self-retracting mechanism requires constant pressure to keep the blade extended.

## 3. PRODUCT COMPONENTS

Familiarize yourself with the main parts of your OLFA SK-14 knife:

**A. Blade:** The cutting edge, preloaded with an SKB-2S-R Rounded-Tip Safety Blade.

**B. Blade Slider/Activator:** The mechanism you push to extend the blade.

**C. Stainless Steel Handle:** The main body of the knife, providing grip and housing the blade mechanism.

**D. Lanyard Hole:** Located at the end of the handle for attaching a lanyard or tether.



Figure 3.1: Top view of the OLFA SK-14 knife, showing the blade and slider. This image displays the knife from a slightly angled top perspective, highlighting the stainless steel construction and the visible blade.



Figure 3.2: Bottom view of the OLFA SK-14 knife, showing the 'MADE IN JAPAN' engraving. This image provides a clear view of the underside of the knife, emphasizing its solid construction and origin.

## 4. SETUP AND BLADE REPLACEMENT

The OLFA SK-14 comes preloaded with an SKB-2S-R Rounded-Tip Safety Blade. When the blade becomes dull, it must be replaced with a compatible OLFA blade (SKB-2, SKB-2S, RSKB, or HOB Safety Blades).

### 4.1. Removing the Old Blade

1. Ensure the blade is fully retracted.
2. Locate the blade release mechanism (often a small tab or button near the blade housing).
3. Carefully slide the blade carrier out of the handle.
4. Remove the dull blade from the carrier. Dispose of it immediately and safely in a rigid, puncture-resistant container.

### 4.2. Installing a New Blade

1. With extreme caution, take a new OLFA SKB-2S-R (or compatible) blade from its packaging.
2. Insert the new blade into the blade carrier, ensuring it is correctly seated and aligned.
3. Slide the blade carrier back into the knife handle until it clicks securely into place.
4. Test the self-retracting mechanism by extending the blade and releasing pressure. The blade should retract smoothly.

## 5. OPERATING INSTRUCTIONS

### 5.1. Extending the Blade

To extend the blade, firmly push the blade slider forward with your thumb. The blade will extend as long as continuous pressure is applied to the slider.

### 5.2. Making a Cut

1. Place the material to be cut on a stable, cut-resistant surface.

2. Extend the blade by pushing the slider forward.
3. Apply firm, consistent downward pressure to the knife while guiding it along the desired cutting line. The blade will remain extended as long as it is in contact with the cutting surface and pressure is applied.
4. Once the cut is complete or pressure is released, the blade will automatically retract into the handle.



Figure 5.1: Proper technique for using the OLFA SK-14 to cut packaging.

This image demonstrates the OLFA SK-14 being used by a gloved hand to cut open a large white bag, likely containing food or bulk material, highlighting its suitability for food preparation and processing environments.

### 5.3. Self-Retracting Mechanism

The self-retracting feature is a key safety aspect of the SK-14. The spring-activated blade is designed to retract instantly when it loses contact with the cutting surface or when the user releases the pressure on the blade slider. This prevents the blade from remaining exposed unintentionally.

## 6. MAINTENANCE

### 6.1. Cleaning

The stainless steel construction of the OLFA SK-14 makes it easy to clean. Wipe down the knife with a damp cloth after each use, especially if used in environments where residue or contaminants might accumulate. For thorough cleaning, the knife can be disassembled (as per blade replacement instructions) and individual components wiped clean. Ensure all parts are dry before reassembly.

### 6.2. Blade Care

Regularly inspect the blade for signs of dullness or damage. A dull blade requires more force to cut, increasing the risk of slippage and injury. Replace blades promptly when they show signs of wear. Do not attempt to sharpen dull blades.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Blade does not extend fully.	Insufficient pressure on the slider; obstruction in blade path; damaged blade carrier.	Ensure firm, continuous pressure on the slider. Check for debris and clean. Inspect blade carrier for damage and replace if necessary.
Blade does not retract.	Obstruction preventing retraction; damaged spring mechanism.	Clear any debris from the blade path. If the spring is damaged, the knife may need professional repair or replacement.
Difficulty cutting materials.	Dull blade; incorrect cutting technique.	Replace the blade with a new, sharp OLFA blade. Ensure proper cutting technique with consistent pressure.

## 8. SPECIFICATIONS

**Model:** SK-14

**Blade Type:** Self-Retracting Safety Blade (SKB-2S-R preloaded)

**Compatible Blades:** OLFA SKB-2, SKB-2S, RSKB, HOB Safety Blades

**Handle Material:** Stainless Steel

**Blade Material:** Carbon Steel

**Dimensions:** 8.75 x 3.25 x 0.5 inches (approximate)

**Weight:** 2.08 ounces (approximate)

**Certifications:** NSF Certified (for food preparation environments)

## 9. WARRANTY AND SUPPORT

For detailed warranty information, product support, or to purchase replacement parts and blades, please visit the official OLFA website or contact OLFA customer service. Keep your proof of purchase for warranty claims.